

N. F. D.  
Planning and Research

# Newark Fire Department

1982

## NINETY-SEVENTH ANNUAL REPORT



KENNETH A. GIBSON, Mayor

### MUNICIPAL COUNCIL

RALPH T. GRANT, JR., President

GEORGE BRANCH, Central Ward  
ANTHONY CARRINO, North Ward  
SHARPE JAMES, At Large  
HENRY MARTINEZ, East Ward

DONALD M. PAYNE, South Ward  
RONALD L. RICE, West Ward  
DONALD TUCKER, At Large  
MARIE L. VILLANI, At Large

ELTON E. HILL, Business Administrator

JOHN P. CAUFIELD, Fire Director

## NEWARK, NEW JERSEY

# FIRE DEPARTMENT ANNUAL REPORT 1982

## TABLE OF CONTENTS

DIRECTOR'S REPORT	Page A
<hr/>	
Fire Chief's Report	Page 1
Table of Organization	Page 2
Chief Officers	Page 3
Sub-Divisions of the Fire Department	Page 4
Financial Statement	Page 5
Vital Statistics	Page 6-7
Company Statistics	Page 8-9
<u>Fire Prevention Division</u>	
Chief's Report	Page 10-11-12
Bureau of Combustibles	Page 13 thru 50
<u>Division of Investigation</u>	
Chief's Report	Page 51-52
Miscellaneous Statistics	Page 53
Deaths by Fire	Page 54
<u>Fire Signal System</u>	
Communications	Page 55-56-57
Construction/Maintenance	Page 58
<u>Special Services &amp; Supply</u>	
Chief's Report	Page 59-60-61-62
Apparatus Inventory	Page 63
Hose Inventory	Page 64-65
Performance Report	Page 66
<u>Training Division</u>	
Chief's Report	Page 67-68-69
Accident Prevention & Safety Officer	Page 70
Water Officer	Page 71
Apparatus Training Officer	Page 72
Performance Report	Page 73
Planning & Research Division	Page 74-75-76
Community Relations Division	Page 77-78
Data Processing Unit	Page 79
Photography Division	Page 80
Public Relations Division	Page 81
Medical Division	Page 82
<u>Chaplains</u>	
Catholic Chaplain	Page 83
Protestant Chaplain	Page 84
Jewish Chaplain	Page 85
Bell & Siren Club	Page 86
Emergency Management (Civil Defense)	Page 87

# Newark

Kenneth A. Gibson  
Mayor

## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

John P. Caufield  
Director

March 1, 1983

The Honorable Kenneth A. Gibson  
Mayor, City of Newark  
Newark, New Jersey

Dear Sir:

I herewith respectfully submit the Annual Report for the year 1982, outlining the activities of the Fire Department.

The primary goals of the Fire Department continue to be

1. The prevention of unfriendly fires, and
2. The minimizing of life and property loss when unfriendly fires occur.

The most desirable method of reducing life and property loss due to fire is through Fire Prevention, Public Fire Safety Education, and Fire Code Enforcement. Activities in these areas will continue more vigorously than ever and will continue to be expanded, particularly in the smoke detector and public education areas.

Of the 25 fire deaths recorded, all occurred where there were no smoke detectors installed, where smoke detectors were not functioning, or where other adverse conditions existed.

An intensified program, utilizing all members of the Department, to systematically inspect every multiple family dwelling for compliance with local and state fire safety regulations, with emphasis on Smoke Detector requirements, has begun with a targeted time of completion early in 1983.

Although Department response and fire suppression activities continue as efficiently as ever, there is little that can be done between fire occurrence and fire department notification, hence the emphasis on the above-mentioned activities of prevention, education and code enforcement.

Page A

# Newark

Kenneth A. Gibson  
Mayor

## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

John P. Caufield  
Director

Page 2

Total fires in the City decreased by 6.3% from that of 1981, while serious fires requiring a full alarm assignment or greater, decreased by 13.8%.

Fires in vacant buildings decreased by 33.7% from 1981, thanks to an accelerated demolition program and state aid.

Malicious false alarms increased by 3.6% and the Task Force formed in 1981 will issue its recommendations shortly.

Vehicle fires continue to rise with an increase of 8.5% and the Division of Investigation has been directed to intensify its efforts in this area.

An intensified advertising campaign by the Portable Kerosene Heater Lobby, in an attempt to resurrect this old fire and health hazard, has caused serious concern among fire officials. Although the use of these devices is banned in the City of Newark, sale of these appliances should be prohibited also.

Recognizing the need for the possible relocation of fire stations and resources, due to changing physical conditions and reconstruction in the City, the Department, in conjunction with Public Technology Incorporated (PTI), will commence with a Fire Resource Management Study early in 1983. This study, along with its recommendations, should be completed in October, 1983.

\* \* \* \* \*

### RECOMMENDATIONS

- \* The continuation of the fire apparatus replacement program.
- \* The continuation of the fire station rehabilitation program.
- \* The acquisition of a Fire Protection Engineer to assist in evaluating fire protection technology that is constantly being developed.
- \* The continuation of the water main cleaning and relining program.

# Newark

Kenneth A. Gibson  
Mayor

## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

John P. Caufield  
Director

Page 3

### Recommendations Continued

\* That members of the Judiciary impose maximum penalties for violations of the Fire Prevention Code, especially where there are violations of the Smoke Detector Code Ordinance, the transmission of false alarms, and the vandalism and illegal opening of fire hydrants.

\* The continuation of the vacant building demolition program.

\* An expansion of Public Fire Safety Education programs involving all city agencies.

\* The passing of an ordinance banning the sale of Portable Kerosene Heaters.

\* \* \* \* \*

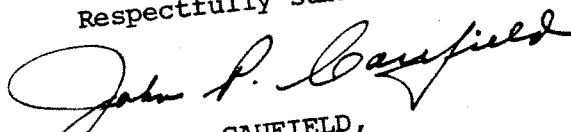
I hereby heartily commend Fire Chief Stanley J. Kossup, and all the Officers and men under his command, and also the Members of the Administrative Staff, for their dedicated and efficient service rendered throughout the year.

A debt of gratitude is owed to the Fire Department Surgeon and to the Chaplains of the Department for their outstanding efforts in attending to the needs of the men of the Department.

I also extend thanks to the Fire Department's Citizens' Advisory Committee for their efforts and advice, and thanks are also extended to the Members of the Bell & Siren Club for their help and comfort during times of emergency.

On behalf of the Members of the Fire Department, I extend to you, Mr. Mayor, to the Members of the Municipal Council, to the Business Administrator and to all City Department Directors, our sincere appreciation for your interest and cooperation in helping us solve some of our problems.

Respectfully submitted,

  
JOHN P. CAUFIELD,  
Director, Fire Department

JPC:EC

# Newark

Kenneth A. Gibson  
Mayor

## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

John P. Caufield  
Director

March 15, 1983

Hon. John P. Caufield, Director  
Newark Fire Department  
Newark, New Jersey

Dear Sir:

Forwarded herewith is the Annual Report of the Newark Fire Department for the year 1982.

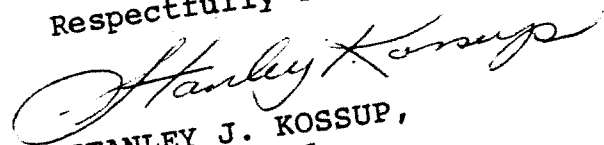
Despite increased burdens--both socio and economic--the Department has again successfully met all demands placed upon it. This is a true indication of the continued dedication and concern our Officers and Firefighters show for the City, its residents, and their Fire Department.

In the past year, cities throughout our Country experienced financial problems; the City of Newark was no exception. During 1982, we operated under strict budgetary restraints, as will be the case in 1983 and in all probability for years to come. In my estimation, with the help, concern, and commitment you have shown, and in spite of these problems, the Newark Fire Department continues to provide the best fire protection to be found anywhere.

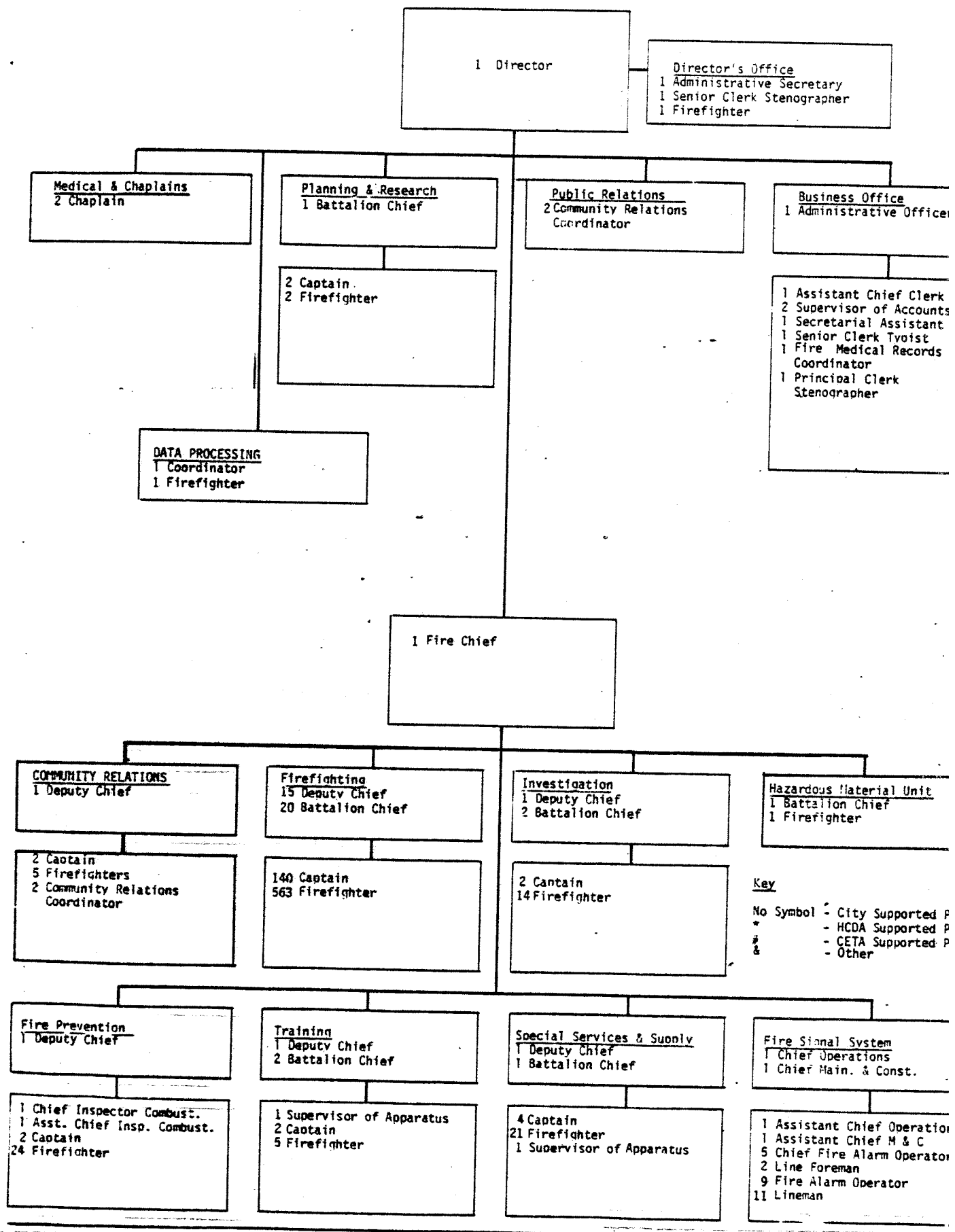
I wish to extend to all Members of the Department my sincere appreciation for their efforts, often under extremely hazardous and stressful conditions, and for their cooperation throughout the year.

I also extend my thanks to Mayor Kenneth A. Gibson; the Members of the Municipal Council; Members of the Bell & Siren Club, Inc.; and to all the City Officials who in any way assisted our Department in achieving its goals during the year 1982.

Respectfully submitted,

  
STANLEY J. KOSSUP,  
Fire Chief

SJK:JMR



FIRE DEPARTMENT - CITY OF NEWARK

Hon. Elton Hill  
Business Administrator

Hon. Kenneth A. Gibson  
Mayor

Hon. John P. Caufield  
Fire Director

William T. Whalen, Administrative Officer  
Esther Conrad, Administrative Secretary  
Kenneth Blaha, Asst. Chief Clerk

Stanley J. Kossup, Fire Chief, U.F.D., Commanding  
Angelo R. Ricca, Deputy Fire Chief, Executive Officer

DEPUTY FIRE CHIEFS

1st Deputy Division

Frederick Grehl  
David J. Kinnear  
Albert Maresca  
Robert John Miller

2nd Deputy Division

Edward J. Chrystal  
John Griggs  
William M. Carragher, Jr.  
Joseph J. Pierce

Coordinators

Robert J. Buccine  
Alexander McGrory  
Cantalora Palestino  
John J. Tartis

Roving

Edward R. Dunn

BATTALION FIRE CHIEFS

1st Battalion

Richard Hettinger  
James W. McCormack  
Thomas Melody  
Frank A. Calvitti

2nd Battalion

Leonard Mendola  
Robert King  
Frederick Nolan  
Edward Hester

3rd Battalion

Louis Formisano  
Richard Bitter  
Anthony Maresca  
Joseph Ricca

4th Battalion

James Richardson  
Anthony De Troia  
Charles Plath  
Robert J. Smith

5th Battalion

Joseph T. Miller  
Richard Meeker  
Carroll Henderson  
Robert James Miller

oOo

## SUB-DIVISIONS OF THE FIRE DEPARTMENT

### Fire Prevention Division

James Morgan, Deputy Chief  
Alfred Machiaverna, Chief Inspector, Combustibles (Provisional)  
William Kingeter, Supervising Fire Protection Inspector

### Division of Investigation

James V. Raymond, Deputy Chief  
Raymond Bishof, Batt. Chief, Major Case Investigation (Term. Leave)  
Robert Fitzpatrick, Battalion Chief

### Fire Signal System

Albert Lasso, Chief, Communications  
Thomas J. McCann, Asst. Chief, Communications  
John Di Blasio, Chief, Constr./Maint. (Provisional)  
Walter J. Maszczak, Asst. Chief, Constr./Maint. (Provisional)

### Special Service & Supply

Joseph L. Magnusson, Deputy Chief  
Walter Mueller, Chief of Fire Apparatus  
Joseph Abbondante, Captain, Mask Division  
Robert Scholz, Captain, Supply Division  
Joseph Stock, Firefighter, Hose Division

### Training Center

Alfred Freda, Deputy Chief  
Fred Boehringer, Batt. Chief, Safety and Water Officer  
Daniel Tauriello, Chief of Fire Apparatus, Training  
Carl Duerr, Captain

### Planning & Research Division

John J. Valent, Battalion Chief  
Albert R. Payne, Captain  
Abnathy Alfonso Mason, Captain  
John F. Galop, Captain

### Community Relations & Civil Defense

Robert Marron, Deputy Chief  
Charles Manara, Captain, Civil Defense

### Medical Division

Morris Halper, M. D., Fire Surgeon

### Chaplains

Rev. Horton Raught, Catholic  
Rev. Clarence Bleakney, Protestant  
Rabbi Horace Zemel, Jewish

FIRE DEPARTMENT

Financial Statement

Salaries and Other Pay Appropriations  
Other Expenses Appropriation

\$22,025,174.00

389,630.00  
\$22,414,804.00

Expenditures

Salaries and Wages

Salaries  
Overtime  
Acting Officers

\$19,660,984.90  
275,000.00  
\$ 41,061.35  
\$19,977,046.25

Miscellaneous Receipts

Miscellaneous  
Bureau of Combustibles  
Current Accounts

\$ 2,674.75  
59,960.00  
120.00  
\$ 62,754.75

Miscellaneous

6/3/82 N. J. Turnpike Authority (Response 7/1/81-12/31/81. \$1,350.00  
10/5/82 N. J. Turnpike Authority (Response 1/1/82-6/30/82 1,275.00  
12/21/82 Refund of overpayment of I.A.F.C. dues \$25.00  
12/21/82 Refund of overpayment on P.S.E. & G. Bill 24.75

ooo

F I R E   D E P A R T M E N T  
V I T A L   S T A T I S T I C S   -   1 9 8 2

APPOINTMENTS

May 10, 1982	Grady Cobbs	Firefighter
"	Robert Brown	"
"	Clinton Reynolds	"
"	George Stevenson	"
"	Charles Bishop	"
August 9, 1982	Steven Kossup	Lineman (Prov.)
September 13, 1982	Glenn Crane	Fire Alarm Operator
October 1, 1982	Michael Cawley	Firefighter
November 1, 1982	Wesley Peterman	"
" " "	Idris J. Faruq	"
" " "	Arnum Wapples	"
" " "	Alton Brooks	"
" " "	Everett Fisher	"
" " "	Alvin Taylor	"
" " "	William Oram	"
" " "	Lee Tucker	"
" " "	Joseph Purcell	"
" " "	Kenny C. Cooper	"
" " "	Gregory Ciampi	"

PROMOTIONS

	Captain	7/19/82 (Continued)	Captain
2/22/82 - Harry Elberson	"	" Peter Sheridan	"
" Gerald Zaccardi	"	" Bernard Snyder	"
6/14/82 - Walter Brownlee	"	" Charles Luxton	"
" N. Bruce Morgan	"	" Richard Giuliano	"
" Robert Carter	"	" Anthony Connell	"
" Frank Mastroeni	"	" Rankin Nanartowicz	"
" Francis Publik	"	" Anthony Nardone	"
" Owen Donnelly	"	8/9/82 Kevin Caufield - Lineman Foreman	(Prov.)
7/19/82 - John Harrobin	"	8/9/82 Allen Crump - Lineman Foreman	(Prov.)
" Charles McCrea	"	8/9/82 John DiBlasio - Chief, Fire	
" Gerard Rosamilia	"	Sig.Sys.Constr/Maint (Prov.)	
" Sheldon Smith	"	8/9/82 Walter Maszczak, Asst. Chief	
" William Weber	"	Fire Sig.Sys.Constr/Maint. (Pro	
" Joseph McCarthy	"	10/11/82 William Kingeter - Supervising	
" Michael Lalor	"	Fire Protection Engineer	
" Myles McDonald	"	10/11/82 Walter Mueller, Chief of	
" James Langenbach	"	Fire Apparatus	
" Nicholas Caputo	"	11/1/82 Henry R. Coakley Captain	
" Michael Kelly	"	" James D. Cogan	"
" Michael McCrone	"		
" Merrill King	"		

oOo

# FIRE DEPARTMENT

## VITAL STATISTICS 1982 (2)

### RETIREMENTS

#### January 1, 1982

Robert Silk	Firefighter
Clifford Evelyn	"
Robert Caufield	"
William Barrett	Captain
Daniel Marks	"

#### February 1, 1982

Edward Cox	Lineman Foreman
James Pica	Firefighter
Thomas Groves	"

#### March 1, 1982

Erwin Burchardt	Batt. Chief
Edward Jankowski	Captain
Rudolph Bassano	Firefighter
Anthony Vitello	"
John Quinn	"

#### April 1, 1982

George Fox	Captain
Arthur Plotkin	Firefighter
Thomas Rush	"

#### May 1, 1982

Philip Boyle	Chief Inspector
George Iuzzolino	Supv. of Apparatus
Theodore Popovich	Captain
Teddy Kaczka	Firefighter
Frank Don Diego	"
William Reilly	"

#### June 1, 1982

Robert Murray	Firefighter
---------------	-------------

#### July 1, 1982

Thomas Boyle	Batt. Chief
Stanley Domanski	Firefighter
Stephan Mluzan	"
Richard Papsin	"
Richard J. Williams	"
Edward Przybylowicz	Chief, Fire Sig. Sys. Constr/Maint.

#### August 1, 1982

Harold Ellermann	Firefighter
Joseph Marino	Department Photographer

#### September 1, 1982

Americo Floria	Captain
Vincent Marinucci	Batt. Chief
Charles Mancini	Firefighter
John Cosman	"
Michael Salvatore	"

#### October 1, 1982

Harold Kirwan	Firefighter
Donald Mueller	"

#### November 1, 1982

Harold Davis	Deputy Chief
Carl Stoffers	Batt. Chief
Reginald Evelyn	Captain

### DEATHS

Jan. 14, 1982	- John Morris Fire Alarm Operator
Jan. 16, 1982	- Edward J. Ross Firefighter

### RESIGNATIONS

March 31, 1982	- Lenzy E. Petford Firefighter
May 17, 1982	- Stephen Fudali Captain
Oct. 4, 1982	- Michael Krug Firefighter

oOo

COMPANY STATISTICS 1982

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS OF ENGINE DUTY	FEET OF HOSE USED	HYDRANTS INSPECTED	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	IN-SERVICE G.D.G. INSPECTIONS
Eng.Co. 4	3156	1003	4	485:68	108,300	278	381	1597:08	29
Eng.Co. 5	1594	418	0	279:00	53,600	375	403	1131:00	25
Eng.Co. 6	4715	1903	0	415:00	150,200	260	382	1835:00	23
Eng.Co. 7	3410	651	1	351:00	104,200	336	247	1238:00	38
Eng.Co. 8	1082	252	0	195:00	32,650	171	370	691:00	18
Eng.Co. 9	3646	977	26	657:15	81,850	400	327	1313:15	25
Eng.Co.10	2691	834	0	340:30	102,500	600	390	1130:10	45
Eng.Co.11	3256	724	0	258:20	89,950	320	340	1101:00	61
Eng.Co.12	3956	1330	0	410:10	106,200	189	265	1810:20	21
Eng.Co.13	1930	825	0	221:30	31,650	334	380	964:00	19
Eng.Co.14	1758	431	0	271:24	62,050	207	301	916:50	56
Eng.Co.15	2932	645	2	288:30	77,200	335	395	1145:30	25
Eng.Co.16	815	372	0	204:26	31,850	504	376	628:14	29
Eng.Co.17	2743	571	0	243:00	70,050	296	257	1104:00	18
Eng.Co.18	3074	697	0	227:00	88,100	330	409	1166:00	33
Eng.Co.19	1396	468	6	173:10	36,850	360	384	772:19	23
Eng.Co.21	970	215	1	166:00	20,850	222	377	652:00	26
Eng.Co.26	1092	310	0	109:00	36,200	280	332	668:00	23
Eng.Co.27	956	246	2	171:15	35,300	266	220	791:54	36
Eng.Co.28	1440	447	3	157:00	37,900	418	371	655:00	57
Eng.Co.29	2087	626	0	170:18	47,000	347	410	926:52	15
Eng.Co.32	306	146	0	119:20	14,950	465	333	675:53	14
Rescue	2580	1032	767	--	8,500	115	201	1339:10	N/
Fireboat	22	15	3	42:15	1,700		281	191:00	
Total	47,651	15,138	815	5954:25	1,429,600	7408	8132	24,437:35	66

COMPANY STATISTICS (2)  
1982

COMPANIES	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	FEET OF LADDERS USED	NUMBER OF INSPECTIONS MADE	DRILLS AND DEMON- STRATIONS	HOURS OUT OF QUARTERS	NUMBER OF INSPECTED
Truck Co. 1	1902	401	0	9,733	110	288	789:00	178
Truck Co. 2	2437	881	0	11,047	401	308	933:36	440
Truck Co. 4	912	177	0	4,240	253	362	603:00	253
Truck Co. 5	3701	336	0	22,919	211	394	1336:00	242
Truck Co. 6	1493	486	4	4,340	580	386	769:05	438
Truck Co. 7	2543	631	9	15,718	257	322	613:00	455
Truck Co. 8	633	161	2	3,588	234	364	533:00	388
Truck Co. 9	2584	736	0	16,091	182	349	1029:52	185
Truck Co. 10	1878	357	0	7,795	261	368	763:00	261
Truck Co. 11	2513	562	7	15,747	278	356	1129:70	144
Truck Co. 12	803	202	0	5,094	214	358	384:63	280
Total	21,399	5930	22	116,312	2981	3855	8883:26	3264

BATTALION CHIEFS

	Alarms Answered	Alarms Worked	Districts Inspected
Batt. Dist. 1	3720	980	35
Batt. Dist. 2	1924	777	247
Batt. Dist. 3	3781	1622	330
Batt. Dist. 4	5328	1897	260
Batt. Dist. 5	1472	581	272
Total	16,225	5857	1144

DEPUTY CHIEFS

	Alarms Answered	Alarms Worked	Districts Inspected
Deputy Div. 1	2344	1425	191
Deputy Div. 2	1153	821	161
Total	3497	2246	352

oOo

( 1 )

## FIRE PREVENTION DIVISION

Annual Report for 1982  
submitted by  
Deputy Chief James Morgan

---

The year 1982 was one in which the Fire Prevention Division was challenged with the development of new and more complex innovations of Plan design, especially in the construction of High Rise Buildings, which required more detailed plan review and subsequently more detailed inspections. The overall Fire Prevention picture was cleared somewhat by new regulations coming forth, from both City and State levels, allowing more effective results to be realized from the dedicated efforts put forth by all the members of the Fire Prevention Division.

The Fire Protection Inspector requirements mandated by State law have been again fully complied with, and most all Inspectors assigned to the division have taken another step forward having met the educational requirements for Fire Protection Sub-Code Officials for the State of New Jersey and have been upgraded to that level.

## SMOKE DETECTORS

The strict enforcement of the City smoke detector ordinance has been continued and every violation reported to the Division has been investigated and corrected where possible or action is pending.

The State regulations mandating Smoke Detectors to be installed in all common areas of hotels and multiple dwellings has been upgraded somewhat by new and more specific regulations, calling for more overall area covered by smoke detectors and supervisory type of control panel to be installed under certain conditions.

## PUBLIC EDUCATION

Every method possible has been used to deliver the Fire Prevention message to the citizens of Newark.

The most concentrated efforts have been aimed at the school children. The Board of Education has both requested our assistance, and has complied with our Inspectors' advice to accomplish this goal. All schools were inspected several times during the year.

## FIRE PREVENTION DIVISION (2)

### PUBLIC EDUCATION CTD.

All requests for speakers were answered and approximately 200,000 pieces of Fire Prevention Literature were given out to School Children, Interested Groups, Businesses, and General Public throughout the year.

### VACANT BUILDINGS

Vacant buildings continued to be high on our list of priorities for the year 1982. New methods of handling and listing conditions of vacant buildings have been developed, one of which is the computer printout, which allows us to have a complete breakdown at all times. We have a definite reduction in the number of vacant buildings. The worst and most hazardous buildings have been razed, many others were rehabilitated and others secured.

### COMBUSTIBLE PERMITS

A new plan was introduced for supervision of all combustible permits on a computer printout by each district of the City. We shall be able to closely monitor all aspects of our permit system.

### FIRE RECORDS

The fire inspection record/violation form that was introduced in 1980 has continued to be very successful. All violations and inspection records are being prepared to be put on a computer printout, as soon as the computer is installed in our office. With the use of the computer we will have the entire inspection records at our fingertips.

### PLAN REVIEW

All blue prints of new construction and alterations were reviewed by the Division in its continual upgrading of property in the City. This will result in more fire safe structures being built to better standards throughout the City.

FIRE PREVENTION DIVISION (3)

HAZARDOUS WASTE

During the year 1982 a renewed vigor was stimulated towards enacting a new campaign to rid the City of Hazardous waste sites. In conjunction with the City Engineering Department this division has researched and cleaned up several hazardous waste sites and several more are in the process of being cleaned up.

ooo

# FIRE PREVENTION DIVISION (4)

TOTAL INCIDENTS	23,274
FIRE INCIDENT RESPONSE	7,086
MISC. SIG.5's-NOT RECORDED	3,705
OTHER RESPONSE	16,188
Total	26,979

BUILDING FIRES-----	2,740
Occupied-----	2,198
Vacant-----	542

NON-BUILDING FIRES-----	4,346
Dumpsters-----	446
Auto-----	1,179
Truck/Bus/Frt.-----	193
Brush/Rubbish-----	2,528

NON-HOSTILE FIRE RESPONSE-----	772
C/Cooking-----	87
Furnace Blowback-----	267
Incin/Compactor-----	404
Arcing/Sh-Circuit-----	14

ALL OTHER RESPONSES-----	4,776
Inc. Rescue, First Aid, Washdown, Accidents, Assists at Fires etc.	

MALICIOUS FALSE ALARMS -----	10,640
------------------------------	--------

FIRE RELATED DEATHS-----	25
Firefighter-----	0
Civilian -----	25

MULTIPLE ALARM FIRES-----	84
2nd. Alarm-----	66
3rd. Alarm-----	17
4th. Alarm-----	1

SIGNAL 11-FIRES-----	463
Occupied Bldgs.-----	317
Vacant Bldgs.-----	142
Non-Building -----	4

MUTUAL AID TO ASSIST NEWARK (total Incidents)-----	3
---	---

OUT OF CITY RESPONSES (total Incidents)-----	28
---	----

# FIRE PREVENTION DIVISION (4A)

TOTAL INCIDENTS-----	23,274
Fire incident Response -----	7,595
Misc. Sig.5s Not Recorded -----	3,705 *
Other Response -----	15,679
Total	<u>26,979</u>
 BUILDING FIRES-----	3,249
* (Occupied-----	2,707
(Vacant-----	542
* (Includes non-hostile Fires as per 901 Code)	
 NON-BUILDING FIRES-----	4,346
(Dumpster-----	446
(Auto -----	1,179
(Truck/Bus/Frt.-----	193
(Brush/Rubbish-----	2,528
 MALICIOUS FALSE ALARM-----	10,640
ALL OTHER RESPONSE-----	5,039
 FIRE RELATED DEATHS-----	25
(Civilian-----	25
(Firefighter-----	0
 MULTIPLE ALARM FIRES-----	84
2nd Alarm -----	66
3rd Alarm -----	17
4th Alarm -----	1
 SIG.11 - FIRES -----	463
(Occupied Bldg.-----	317
(Vacant Bldg.-----	142
(Non-Bldg. -----	4
 MUTUAL AID TO ASSIST NEWARK (total Incidents-----	3
 OUT OF CITY RESPONSES (Total Incidents-----	28

(5)

BUILDING INSPECTIONS-----		
{by Bureau inspectors) -----	27,778	
(Inservice Inspections)-----	17,958	
	9,820	
FIRE CODE VIOLATIONS PROCESSED-----		
(Rec'd from in-Serv.Co's)-----	7,205	
{Bureau Inspectors -----	554	
{Telephone/Letters -----	5,475	
	1,176	
SPECIAL BUREAU DETAILS-----		
(Public Functions ) -----	93	
FIRE PREVENTION LECTURES-----		
{School Children Involved)-----	423	
{Other Civic Groups -----	55,150	
	2,517	
FIRE PREVENTION LITERATURE DISTRIBUTED-----		
	200,000	
PLANS EXAMINED AND APPROVED-----		
(Re: Sprinklers/Standpipe/etc.)-----	389	
PERMITS ISSUED-----		
{Misc.Comb.Storage/use)-----	3,708	
{Oil/Gas Equipment -----	2,636	
{Theatre Operations -----	168	
{Other -----	8	
	896	
PERMIT FEES COLLECTED-----		
	\$62,510	
COURT CASES INITIATED-----		
(Violations of Fire Code)-----	99	
COURT CASES ATTENDED -----		
{Posponed -----	230	
{Withdrawn -----	137	
{Dismissed -----	0	
{Bench Warrents -----	16	
{Guilty -----	26	
	51	
FINES COLLECTED-----		
	8,465	
FIRE INVESTIGATIONS-----		
	906	
PHOTOGRAPHS TAKEN -----		
(Hazardous Buildings))-----	1,600	
LETTERS SENT-----		
{Regular )-----	1,939	
{Registered)-----	1,597	
	342	

# FIRE DEATH STATISTICS

(6)

<u>MONTH</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>
JAN.	4	3	1	6	3	0	1	1	2	4	1	3	4	4
FEB.	1	2	7	4	12	4	1	0	4	5	12	0	1	9
MAR.	4	1	3	10	1	3	0	6	1	3	1	3	1	1
APR.	3	8	3	4	5	1	9	0	2	4	9	2	5	1
MAY.	2	6	2	4	2	3	7	2	0	0	4	4	3	0
JUNE	0	1	7	0	5	0	8	0	0	0	1	3	3	1
JULY	0	8	6	1	2	0	1	1	3	1	0	1	2	0
AUG.	1	1	3	0	0	3	1	0	0	5	0	3	0	0
SEPT.	1	0	0	7	2	0	1	1	0	5	1	0	0	2
OCT.	1	2	2	4	1	1	2	0	1	1	0	0	1	6
NOV.	3	3	1	6	2	0	1	1	1	4	6	1	0	1
DEC.	4	1	5	0	3	6	1	4	14	14	2	3	6	0
TOTAL	24	36	40	46	38	21	33	16	28	46	37	23	26	25

MULTIPLE ALARMS (7)

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>
<u>MONTH</u>														
JAN.	7	6	5	13	5	5	4	7	7	10	10	5	14	10
FEB.	4	6	3	4	5	5	0	6	6	9	15	13	5	10
MAR.	8	7	8	7	7	4	6	4	4	5	8	7	4	7
APR.	5	14	12	16	6	5	12	4	4	15	11	14	13	3
MAY.	6	6	6	8	9	6	11	4	14	5	7	12	19	8
JUNE	1	6	14	4	9	6	4	8	4	14	6	4	7	4
JULY	2	5	15	9	7	5	5	2	15	12	3	10	10	6
AUG.	2	5	10	8	8	9	3	3	7	10	1	9	11	6
SEPT.	4	5	3	3	9	10	3	3	2	7	5	4	6	8
OCT.	6	2	2	2	5	2	3	1	9	3	4	7	8	9
NOV.	6	2	5	4	8	10	0	8	2	8	7	10	3	6
DEC.	7	9	2	5	4	7	6	12	9	9	7	9	10	7
TOTAL	58	73	85	83	82	74	57	62	83	107	84	104	110	84

# FIRE DEATH STATISTICS

(8)

(By Age )

<u>YEAR</u>	<u>TOTAL</u>	<u>6 and UNDER</u>	<u>age 7 to 17</u>	<u>age 18 to 30</u>	<u>age 31 to 50</u>	<u>age 51 to 70</u>	<u>age OVER 70</u>	
1969	24	6	0	1	3	10	4	
1970	36	9	4	1	6	12	4	
1971	40	7	8	5	8	11	1	
1972	46	11	7	7	12	4	5	
1973	38	12	6	6	5	10	1	
1974	21	7	3	1	3	5	2	
1975	33	13	5	3	3	9	0	
1976	16	3	1	3	2	3	4	
1977	28	5	2	5	7	6	2	+ 1-Unknown
1978	46	11	8	5	13	6	3	
1979	36	6	4	6	4	7	9	+ 1-Unknown
1980	23	8	2	2	7	3	1	
1981	26	10	1	7	3	3	1	+ 1-Unknown
1982	25	5	6	2	4	7	0	+ 1-Unknown

## 1982 - MULTIPLE ALARMS - 1982

(9)

Page

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
00086	Jan.	2	1924	502 Summer Ave.	6-St.Br. Apt.- 424	2-nd.
00206		5	0158	150 Orchard St.	4-St.Br. Apt.- 424-5	2-nd.
00290		6	1716	140-142 Pennsylvania Ave.	2-2-St.Fr. Dw. - 422	2-nd.
00293		6	1814	Evergreen Ave.	2-3-St.Fr. Dw. - 422	3-rd.
00587		11	0021	No.12th. St.	2-3-St.Rm. Hs. - 432	2-nd.
00809		14	2321	Navy & Port St.	1-St.Br. Whs.- 876	2-nd.
01299		24	1559	Jones St.	3-St.Fr. Dw. - 422	2-nd.
01311		25	0113	So.Orange Ave.	2-3-St.Br. Dw. - 422	2-nd.
01457		28	1745	Columbia St.	2-St.Fr. Dw. - 414	2-nd.
01578		30	2023	Lyons Ave.(Beth Israel)	9-St.Br. Hosp. 331	2-nd.
01668	Feb.	2	0330	393 7th.Ave.	5-St.Br. Apt. 424	3-rd.
01736		3	0131	40-42 Spruce St.	3-st. Fr.Dw. 422-5	2-nd.
01788		3	1948	218 Jelliff Ave.	2-St.Br. Garage573	2-nd.
01930		6	2195	256-260 So.6th.St.	3-3-St.Fr. Dw. 422	3-rd.
02250		12	1450	222 Chancellor Ave.	3-St.Fr. Dw. 422	2-nd.
02544		17	0148	470,480 Orange St.	2-3-st.Fr. Dw. 422	2-nd.
02767		20	2340	431-435 Avon Ave.	2-3-St.Fr. Dw. 423	2-nd.
03109		27	0543	59 Edison Pl.	3-St.Br. Tvrm. 163	2-nd.
03194		28	0621	418 Bloomfield Ave.	1-St.Br. Rest. 161	3-rd.
03229		28	1940	261-267 Academy St.	3-St.Fr. Dw. 422	2-nd.
03252	Mar.	1	0055	4229 240,242 Muhammed Ali	2-3-St.Fr.Dw/Tvn.163	2-nd.
03406		3	1759	3231 360 Summer Ave.	3-SF.Bdng. Hs. 432	2-nd.
03555		6	1816	4148 54-56-58 Johnson Ave.	3-2-St.Fr. Dw. 414	2-nd.
03774		11	0349	4343 499-503 Clinton Ave.	3-3-St.Fr. Dw. 422	3-rd.
03782		11	1128	1627 97 Columbia Ave.	3-St.Fr. Dw. 422	2-nd.
04217		18	1842	4318 405 Springfield Ave.	3-St.Fr. Dw. 422	2-nd.
04394		21	0357	1439 394 Jo.11th. St.	3-St.Fr. Dw. 422	2-nd.

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
05527	Apr. 4	2058	1513	791-So. Orange Ave.	1-St. Br. Sprmkt.	4-th.
05780	14	1715	4443	723-727-So. 19th. St.	3-3-St. Fr. Dw.	2-nd.
06164	21	0206	1423	61- 66-No. 13th. St.	3-3-St. Fr. Dw.	3-rd.
07077	May 4	2001	2327	40-South St.	4-St. Br. Apt.	2-nd.
07094	5	0408	2114	441-445-Broad St.	4-3-St. Br. Apt/Bus.	3-rd.
07246	7	0050	1338	172-12th. Ave.	3-st. Fr. Dw.	2-nd.
07332	8	1101	1438	345- So. 11th. St.	3-St. Fr. Dw.	3-nd.
07497	10	2215	3578	68-Montclair Ave.	5-St. Br. Apt.	2-nd.
07647	13	0652	3225	1401- McCarter Hwy.	3-St. Fr. Dw.	2-nd.
07711	14	0106	3146	30-34-Stone St.	3-3-St. Fr. Dw.	3-rd.
08319	24	0900	3711	29-Riverside Dr.	5-St. Br. Mfg.	2-nd.
08778	June 2	1006	2324	55- Sherman Ave.	3-St. Fr. Dw.	2-nd.
08978	6	0112	2512	241- Frelinghuysen Ave.	3-St. Br. Whs.	3-rd.
09316	11	2307	4459	301-305- 16th. Ave.	3-2-St. Fr. Dw.	2-nd.
10520	26	1149	1515	808- So. Orange Ave.	4-St. Br. Apt.	2-nd.
11665	July 14	1052	1454	73-77- Whitney St.	3-3-St. Fr. Dw.	2-nd.
11864	17	0551	2312	17- Lincoln Pk.	3-St. Br. Dw.	2-nd.
12127	21	0220	3237	16-20- Hinsdale Pl.	3-2-St. Fr. Dw.	3-rd.
12410	24	2304	4151	519- Irving Turner Blvd.	3-St. Fr. Dw.	2-nd.
12479	26	0055	4434	721-733- So. Orange Ave.	3-St. Fr. Dw.	2-nd.
12638	28	0457	3566	100- Tiffany Blvd.	1-St. Br. Fctry.	2-nd.
13456	Aug. 10	0410	1332	379- Central Ave.	3-St. Fr. Dw.	2-nd.
13774	15	0331	4417	896-902- So. 18th. St.	3-2-St. Fr. Dw.	2-nd.
14047	19	0322	1331	421-423- New St.	2-3-St. Fr. Dw.	2-nd.
14120	22	0333	5523	58-64- Emmet St.	3-3-St. Fr. Dw.	2-nd.
14658	27	1947	3125	10-12- Wood St.	4-St. Br. Apt.	2-nd.
14900	31	0222	1416	99-105- Roseville Ave.	3-3-St. Fr. Dw.	2-nd.

# 1982 - MULTIPLE ALARMS - 1982

(11)

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
15088	Sept. 3	1543	5519	252- Wright St.	1- St. Br. Mfg. 765	2-nd.
15129	4	0409	4256	21-23- Madison Ave.	2-3- St. Fr. Dw. 422	2-nd.
15186	4	2123	1581	1108- So. Orange Ave.	3- St. Fr. Dw. 422	2-nd.
15853	14	1318	4158	742- High St.	4- St. Br. Apt. 424	2-nd.
16047	17	1426	4314	423-425- So. 9th. St.	2-3- St. Fr. Dw. 422	2-nd.
16200	19	0034	5148	64- Chapel St.	1- St. Br. Gar. 882-5	2-nd.
16413	22	1603	4342	10- Osborn Terr.	5- St. Br. Apt. 424	2-nd.
16836	28	1902	4455	204-216- 16th. Ave.	1- St. Br. Whs. 500-5	2-nd.
17314	Oct. 6	0400	4433	766- So. 17th. St.	3- St. Fr. Dw. 414	2-nd.
17317	6	0553	1415	4- So. 8th. St.	4- St. Br. Apt. 424-5	2-nd.
17370	6	2238	4448	568-72- So. 13th. St.	3-3- St. Fr. Dw. 422	2-nd.
17387	7	0251	4242	238-44- Peshine Ave.	2- St. Fr. Dw. 414	2-nd.
17597	10	0547	5343	600- Doremus Ave.	3- St. Br. Whs. 762	3-rd.
17725	11	2036	2166	121-25- Halsey St.	2-3- St. Br. Merc. 522	3-rd.
17734	12	0007	2232	100- Shipman St.	5- St. Br. Mfg. 700-5	2-nd.
18411	20	2318	2161	12- Burnett St.	3- St. Fr. Dw. 422-5	2-nd.
18762	26	0510	4434	426-28- Avon Ave.	3- St. Fr. Dw. 422	2-nd.

# 1982- MULTIPLE ALARMS -1982

(12)

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
20253	Nov. 13	0130	5522	304- Miller St.	2- St. Fr. Dw.	2-nd.
20261	13	0432	1344	103- 14th. Ave.	3- St. Fr. Dw.	2-nd.
20356	14	1626	1338	160- So. 18th.St.	2- St. Fr. Dw.	2-nd.
20387	14	2112	5111	23- Madison Ave.	4- St. Br. Apt.	2-nd.
20449	16	0603	4325	281-283- Muhammed Ali Ave.	2-3- St. Fr. Dw.	3-nd.
20579	17	2010	3148	44-46- Rowland St.	2-3- St. Fr. Dw.	2-nd.
21606	Dec. 2	1152	2416	121-125- Miller St.	3-3- St. Fr. Dw.	2-nd.
21933	8	0139	1319	351- 7th. Ave.	4- St. Br. Apt.	3-rd.
22234	13	0502	4252	16-18- Bedford St.	2-4- St. Br. Apt.	3-rd.
22577	19	1729	1132	16-18- W. Market St.	2-3- St. Br. Dw.	2-nd.
22675	21	2105	4126	611- High St.	4- St. Br. Apt.	2-nd.
22681	21	2303	4158	100- Spruce St.	4- St. Br. Apt.	2-nd.
22870	24	2353	4258	238-240- Badger Ave.	1- St. Br. Bus.	3-rd.
4 Alarm Fires-----						1
3 Alarm Fires-----						17
2 Alarm Fires-----						66
Total Multiples-----						84

NEWARK PUBLIC SCHOOLS

(13)

ELEMENTARY SCHOOLS

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
ABINGTON AVE. -----	-	3	5	-	8
ALEXANDER ST. -----	-	8	3	6	17
ANN STREET -----	-	-	5	2	7
AVON AVE. -----	1	3	6	2	12
BELMONT RUNYON -----	-	-	-	-	-
BERGEN ST. -----	3	27	2	4	36
BRAGAW AVE. -----	1	4	2	-	7
BROADWAY -----	-	3	5	1	9
BURNET ST. -----	2	1	3	3	9
CAMDEN MIDDLE-----	-	-	1	8	9
CAMDEN ST. -----	-	6	5	3	14
CHANCELLOR AVE -----	-	6	3	4	13
CHANCELLOR AVE.ANNEX-----	-	4	-	1	5
CLEVELAND -----	-	35	7	5	47
CLINTON AVE.-----	-	1	6	1	8
DAYTON ST. -----	-	6	5	20	31
EIGHTEENTH AVE. -----	-	5	3	3	11
ELLIOTT ST. -----	-	24	5	4	33
FIFTEENTH.AVE. -----	-	8	-	9	17
FIRST AVE. -----	-	3	6	2	11
FOURTEENTH AVE. -----	-	5	2	1	8
FRANKLIN -----	-	6	3	6	15
G.W.CARVER -----	-	16	10	3	29
HARRIET TUBMAN -----	1	4	-	4	9
HAWKINS.ST. -----	-	2	-	11	13
HAWTHORNE Ave.-----	-	-	6	-	6
LAFAYETTE.ST. -----	1	2	6	5	14
LAFAYETTE ST.ANNEX -----	-	-	-	-	-
LINCOLN -----	-	1	1	4	6
L.A.SPENCER -----	-	1	1	7	9
MADISON -----	2	3	1	1	7
MAPLE AVE. -----	2	1	3	3	9
Dr.M.L.KING JR. -----	-	2	16	5	23
McKINLEY -----	1	31	10	3	45
MILLER ST. -----	-	5	3	2	10
MORTON ST. -----	-	5	2	4	11
Mt.VERNON -----	-	7	3	4	14
NEWTON ST. -----	-	8	5	4	17
OLIVER ST. -----	-	3	2	1	6
PESHINE AVE. -----	-	2	1	3	6
QUITMAN -----	1	1	2	-	4
RIDGE ST. -----	-	-	-	4	4
ROBERTO CLEMENTE-----	-	6	6	11	23
ROBERTO CLEMENTE ANNEX---	-	-	1	-	1
ROSEVILLE AVE. -----	-	1	2	-	3
SOUTH ST. -----	-	3	2	-	5
SO.17th.STREET.-----	2	35	6	7	50
SPEEDWAY -----	-	1	1	6	8
SUSSEX AVE. -----	1	5	2	1	9
OTHER -----	2	6	13	5	26

(14)

## ELEMENTARY SCHOOL (cont.)

	ACTUAL FIRE	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
SUSSEX AVE. ANNEX-----	1	1	1	1	4
THIRTEENTH AVE. -----	-	9	8	5	22
WARREN ST. -----	-	6	1	4	11
WEST KINNEY MIDDLE -----	1	1	2	6	10
DR. WILLIAM HORTON-----	-	5	5	3	13
WILSON AVE. -----	-	8	2	1	11

## JUNIOR HIGH SCHOOL

BROADWAY JUNIOR HIGH-----	-	-	3	3	6
---------------------------	---	---	---	---	---

## SENIOR HIGH SCHOOL

ARTS HIGH -----	3	2	3	1	9
BARRINGER HIGH -----	3	7	3	12	25
BARRINGER PREP.-----	-	1	-	3	4
CENTRAL HIGH -----	2	8	4	-	14
EAST SIDE -----	8	48	50	9	115
ED. CTR. for YOUTH -----	-	-	-	1	1
M.X. SHABAZZ -----	-	12	5	1	18
NEWARK EVENING HIGH -----	-	-	-	-	-
SCIENCE HIGH -----	1	-	-	2	3
UNIVERSITY HIGH -----	-	-	-	-	-
VAILSBURG HIGH -----	1	2	1	-	4
WEEQUAHIC -----	1	2	7	3	13
WEST SIDE -----	5	15	17	13	50

PROFESSIONAL ART SCHOOL  
POST HIGH SCHOOL LEVEL

NEWARK SCHOOL of FINE & INDUSTRIAL ART -----	-	-	-	-	-
---	---	---	---	---	---

(15)

SPECIAL SCHOOLS

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
FLOYD PATTERSON -----	-	-	4	-	4
MONTGOMERY STREET -----	-	19	1	1	21
ARLINGTON AVE.-----	-	-	-	1	1
BOYLAN STREET -----	-	-	-	-	-
BRANCHBROOK -----	-	-	-	-	-
BRUCE STREET ----- (at G.W.CARVER)	-	-	-	-	-
CHESTNUT -----	1	-	-	-	1
HELEN A.KELLER ----- (at L.A.SPENCER)	-	1	-	1	2
JOHN F.KENNEDY -----	-	1	1	-	2
SAMUEL L.BERLINER -----	-	-	-	-	-

TOTALS

<u>ACTUAL FIRE</u>	<u>FALSE ALARM</u>	<u>ALARM MALF</u>	<u>OTHER INCIDENT</u>	<u>TOTAL RESPONSE</u>
47	456	297	248	1,048

# HIGH RISE BUILDING REPORT

(16)

N.H.A.

	ACTUAL FIRES	INCINERATOR COMPACTOR	FALSE ALARM	OTHER	TOTAL RESPONSE
BAXTER APTS. -----	1	4	2	12	19
BAXTER ELDERLY-----	-	-	-	-	-
BRADLEY COURT -----	1	-	2	1	4
COLUMBUS HOMES-----	218	84	25	95	422
FELIX FULD -----	1	-	-	17	18
HAYES HOMES -----	215	80	68	110	473
HAYES ELDERLY-----	-	-	-	-	-
HYATT COURT -----	1	-	4	14	19
KRETCHMER HOMES -----	87	26	12	51	176
KRETCHMER ELDERLY-----	2	6	-	4	12
PENNINGTON COURT-----	2	-	10	14	26
ROOSEVELT HOMES -----	1	-	-	7	8
SCUDDER HOMES -----	82	93	18	40	233
SCUDDER ELDERLY-----	-	-	-	-	-
SETH BOYDEN COURT-----	7	3	-	31	41
SETH BOYDEN ELDERLY--	-	-	-	-	-
STEPHEN CRANE -----	1	-	3	16	20
STEPHEN CRANE ELDERLY	1	1	1	13	16
WALSH HOMES -----	107	96	20	53	276
WALSH ELDERLY-----	-	-	-	-	-
WRIGHT -----	100	24	11	69	204
TOTAL -----	827	417	176	548	1,968

OTHER THAN N.H.A.--	56	43	29	190	318
---------------------	----	----	----	-----	-----

## E-FIRES-AREA OF ORIGIN

(17)

## 0. MEANS OF EGRESS

TOTAL

01. Hallway, corridor, mall -----	270
02. Exterior stairway, fire escape -----	5
03. Interior stairway, ramp -----	44
04. Escalator -----	0
05. Lobby, entrance way -----	33

## 1- ASSEMBLY, SALES AREA

11. Large area w/fixed seats (100 or more)-----	1
12. Large open room w-o fixed seats -----	3
13. Small area less than 100 -----	2
14. Lounge area, living room-den etc. -----	10
15. Sales, showroom, shop area -----	0
16. Library -----	0

## 2- FUNCTIONAL AREA

21. Sleeping room under 5 persons-----	72
22. Sleeping area for 5-or more persons -----	1
23. Dining area, lunchroom, cafeteria -----	1
24. Kitchen, cooking area -----	93
25. Lavatory, locker room, cloakroom -----	14
26. Laundry room -----	2
27. Office -----	6
28. Personal service area, health club etc. -----	1

## 3- FUNCTIONAL AREA (continued)

31. Laboratory -----	1
32. Printing/photo room -----	0
33. First aid treatment area -----	0
35. Electrical/data processing area -----	0
36. Stage, dressing room area -----	0
37. Projection room -----	0
38. Process, mfg, workroom area -----	0

## 4- STORAGE AREA

41. Storage tank or bin -----	3
42. Closet -----	5
43. Supply storage room -----	13
44. Record storage room, vault-----	2
46. Trash, rubbish area container -----	425
45. Shipping, receiving area-----	4
47. Garage, carport-----	50

## E-5. SERVICE FACILITIES

(18)

TOTAL

51. Elevator, dumb-waiter -----	10
52. Utility shaft -----	8
53. Light shaft -----	2
54. Chute, laundry-mall -----	1
55. Duct, heat-air Cond. -----	1
56. Display window -----	0
57. Chimney -----	13
58. Conveyor -----	0

## 6. SERVICE, EQUIPMENT AREA

61. Machinery room -----	0
62. Heating equipment room -----	2
64. Incinerator room -----	0
65. Maintenance shop, -----	5

## 7. STRUCTURAL AREA

72. Open porch -----	32
74. Concealed ceiling/roof space -----	7
75. Concealed wall space -----	12
76. Exterior wall surface -----	35
77. Exterior roof surface -----	16
78. Awning -----	3

## 8. TRANSPORTATION, VEHICLE AREA

81. Passenger area -----	238
82. Trunk area -----	67
83. Engine area -----	452
84. Fuel tank, line area -----	5
85. Control area -----	126
86. Exterior area -----	35
89. N.C.A. -----	378

## F. EQUIPMENT INVOLVED IN IGNITION (19)

TOTAL

### 1- HEATING SYSTEM

11. Central heating unit -----	34
12. Water heater -----	1
13. Fixed, stationary local heating unit -----	5
14. Indoor Fireplace -----	1
15. Portable local heating unit -----	1
16. Chimney, Vent, Flue -----	5
17. Chimney connector, vent, connectors -----	1
18. Heat transfer system -----	0

### 2- COOKING EQUIPMENT

21. Fixed, stationary surface unit -----	87
22. Fixed, stationary ovens, rotisseries -----	19
23. Fixed, stationary food warmers -----	0
24. Deep-fat fryer -----	1
25. Portable cooking, warming unit -----	5
26. Open fired grill -----	0
27. Grease hood, duct -----	2

### 3-AIR CONDITIONING, REFRIGERATION EQUIP.

31. Central air cond. refrigeration -----	0
32. Water cooling device -----	0
33. Fixed, stationary local refrig. unit -----	3
34. Fixed, stationary local air cond. unit -----	1
35. Portable air cond. refrig. unit -----	0

### 4- ELECTRICAL DISTRIBUTION EQUIP.

41. Fixed wiring -----	3
42. Transformer, associated overcurrent equip. -----	6
43. Meter, meter box -----	2
44. Panelboard, switchboards, fuses -----	1
45. Switch, receptacle, outlet -----	0
46. Ballast, light fixture, sign -----	38
47. Cord, plug -----	0
48. Lamp, light bulb -----	2

	TOTAL
5- APPLIANCE, EQUIPMENT	
51- Television, radio, tape recorder -----	3
52- Dryer -----	8
53- Washing machine -----	2
55- Motor, generator -----	14
56- Hand tool, soldering iron -----	0
57- Electric blanket, steam iron -----	0
59- Dishwasher -----	0
6- SPECIAL EQUIPMENT	
61. Electronic- X-ray, computer -----	0
62. Vending machine -----	0
63. Office machine -----	0
64. Biomedical equipment, device -----	0
65. Pump, compressor -----	6
66. Internal combustion engine -----	0
67. Conveyor -----	1
68. Printing press -----	1
7- PROCESSING EQUIPMENT	
71. Furnace, oven, kiln -----	2
72. Casting, molding equip. -----	1
73. Heat treating equip. -----	1
75. Coating, asphalt - rubber -----	0
76. Painting, dipping, spraying -----	1
77. Chemical process, digesters, reactors -----	1
78. Waste recovery equip. -----	0
8- SERVICE, MAINTENANCE EQUIPMENT	
81. Incinerator -----	54
84. Tar pot -----	12
85. Arc, oil lamp -----	0
86. Elevator -----	0
87. Torches, cutting, welding -----	2

# G-FORM OF HEAT OF IGNITION

(21)

## 1-HEAT FROM FUEL-FIRED, FUEL-POWERED EQUIP. (Gas-Liq.)

TOTAL

11. Spark, heat from cutting torch -----	11
12. Spark, heat from welding torch -----	1
14. Spark, flame escaping from gas fueled equip. -----	0
16. Spark, flame escaping from liquid fueled equip. -----	1

## 2-HEAT FROM FUEL-FIRED, FUEL POWERED EQUIP. (Solid fuel)

21. Spark from wood/paper fueled equip. -----	0
22. Heat from wood/paper fueled equip. -----	0
26. Heat from other solid fueled equip. -----	1

## 3-HEAT FROM ELECTRICAL EQUIPMENT

31. Water caused short circuit -----	1
32. Short circuit from mechanical damage -----	0
33. Short circuit from , defective insulation -----	0
34. Short circuit arc unspecified -----	0
37. Heat from overloaded equipment -----	0

## 4-HEAT FROM HOT OBJECT

41. Heat, spark from friction -----	0
43. Hot ember ash -----	1
45. Rekindle, reignition -----	66
47. Heat from improperly operated elect. equip. -----	2

## 5-HEAT FROM EXPLOSIVE, FIREWORKS

51. Munitions -----	0
53. Blasting agent -----	0
54. Fireworks -----	3
56. Incendiary device -----	0

G-(cont.)

## 6- HEAT FROM OTHER OPEN FLAME, SPARKS, SMOKING MAT.

TOTAL

61. Cigarette -----	10
62. Cigar -----	0
63. Pipe -----	0
65. Match, Lighter -----	0
66. Candle, taper -----	3
67. Warning flare, Fuse -----	0
68. Backfire from internal combustion engine -----	0

## 7- HEAT FROM NATURAL SOURCE

71. Suns heat -----	0
72. Spontaneous ignition, Chem. reaction -----	0
73. Lightning discharge -----	0
74. Static discharge -----	0

## 8- HEAT FROM ANOTHER ,HOSTILE FIRE(exposure)

81. Heat from direct flame -----	0
82. Radiated heat -----	0
83. Heat from flying brand, ember -----	0
84. Conducted heat -----	0
89. Not classified above -----	0

## 9- OTHER FORM OF HEAT OF IGNITION

97. Multiple form of heat of ignition -----	0
99. Form of heat of ignition not classified above ---	0

# HA FORM OF MATERIAL FIRST IGNITED (23)

## 1- STRUCTURAL COMPONENT, FINISH

TOTAL

11. Exterior roof covering -----	3
12. Exterior sidewall covering -----	1
13. Exterior trim, door, porch -----	12
14. Floor covering, tile, carpet, rug -----	6
15. Interior wall covering -----	1
16. Ceiling covering, acoustic tile etc. -----	1
17. Structural members, framing -----	141
18. Thermal insulation within wall -----	2

## 2- FURNITURE

21. Upholstered sofa, chair -----	63
22. Non-upholstered chair, bench -----	3
23. Cabinetry, chest, bookcase -----	3
24. Ironing board -----	1
25. Appliance housing or casing -----	0
29. N.C.A -----	2

## 3- SOFT GOODS, WEARING APPAREL

31. Mattress, pillow -----	341
32. Bedding, blanket, sheet -----	7
33. Linen other than bedding -----	1
34. Wearing apparel not on person -----	5
35. Wearing apparel on person -----	0
36. Curtain, blind, drapery -----	5
38. Luggage -----	1

## 4- ADORNMENT, RECREATIONAL MATERIAL

41. Christmas tree -----	3
42. Decoration for special events -----	0
43. Book -----	1
44. Magazine, newspaper etc. -----	0
45. Toy, games -----	0
46. Awning, canopy -----	3
47. Tarpaulin, tent -----	0

(HA-cont.)

(24)

5-SUPPLIES, STOCK

	TOTAL
51.Box, carton, bag -----	6
52.Basket, barrel -----	4
53.Pallet, skid -----	5
55.Packing, wrapping material -----	0
54.Rope, cord, twine -----	1
56.Bale storage -----	3
57.Bulk storage -----	1
58.Cleaning supplies -----	7

6-POWER TRANSFER EQUIPMENT, FUEL

61.Electrical wire, insulation -----	24
62.Transformer -----	3
63.Conveyor belt, drive belt -----	5
64.Tire -----	16
65.Fuel -----	0
67.Covering-Pipes-Ducts-----	4

7-GENERAL FORM

71.Agricultural prod.-----	3
72.Fence, pole -----	9
73.Fertilizer -----	0
74.Growing form, brush, grass -----	488
75.Rubbish, trash -----	2040
76.Cooking material -----	207
77.Sign -----	0

8-SPECIAL FORM

81.Dust, fiber, lint -----	0
82.Pyrotechnics, explosives -----	0
83.Atomized, vaporized liquid -----	0
84.Chips -----	0
85.Palletized material -----	2
86.Gas, liquid from pipe or container -----	0
87.Rolled material -----	0
88.Adhesive -----	0

9-OTHER FORM OF MATERIAL

91.Railroad ties -----	65
------------------------	----

HB

(25)

## TYPE OF MATERIAL FIRST IGNITED

## 0- WOOD CELLULOSE-NATURAL OCCURING.

	TOTAL
01. Grass -----	11
02. Leaves -----	66
03. Duff -----	1
04. Peat -----	3
05. Tree/Brush -----	78
06. Snag -----	2
07. Logs -----	0
08. Slash -----	0

## 1- GAS

11. Natural Gas -----	7
12. L.P. City Gas -----	2
13. Manufactured Gas -----	0
14. L.P.-Gas -----	2
15. Anesthetic Gas -----	0
16. Acetylene Gas -----	4
17. Special Gas other than Anesthetic -----	0
18. Hydrogen Gas -----	0

## 2- Flammable COMBUSTIBLE LIQUIDS

21. Class 1A Flammable liquids -----	1
22. Class 1B Flammable liquids -----	3
23. Gasoline -----	12
25. Class 11 Combustible liquids -----	9

## 3- VOLATILE SOLIDS, CHEMICAL

31. Grease, fat (food) -----	4
32. Grease (non-food) -----	0
33. Polish, paraffin, wax -----	0
34. Adhesive, resin, tar -----	2
35. Applied Paint, varnish -----	1
36. Combustible material, magnesium -----	16
37. Solid Chemical -----	1

## TYPE OF MATERIAL FIRST IGNITED (cont.)

## 4. PLASTICS

	TOTAL
41. Rigid -----	1
42. Foam -----	0
43. Flexible -----	1
45. Film plastics -----	0

## 5. NATURAL PRODUCTS

51. Rubber -----	3
52. Cork -----	2
53. Leather -----	1
54. Grass-leaves-hay-straw -----	4
55. Grain -feathers-flax - hemp -----	2
56. Coal-coke- briquettes -----	4
57. Food starch -----	0
58. Tobacco -----	0

## 6. WOOD , PAPER

61. Growing wood -----	1
62. Felled but unsawed wood -----	4
63. Sawed wood,finished lumber -----	13
64. Wood shavings,sawdust -----	0
65. Hardboard,plywood -----	0
66. Fiberboard,pressboard-wood products -----	1
67. Paper,untreated,uncoated -----	32
68. Cardboard -----	5

## 7. FABRIC,TEXTILE,FURS

71. Man-made fiber,fabric -----	0
72. Cotton, rayon -----	0
73. Wool,wool mixture -----	0
74. Fur silk -----	0
75. Wig -----	0
76. Human hair -----	0

## 8. MATERIAL COMPOUNDED WITH OIL

81. Linoleum -----	0
82. Oil cloth -----	0
83. Treated or coated paper -----	0
84. Waterproof canvas -----	0
85. Asphalt treated material -----	3

## MOBILE PROPERTY TYPE

(27)

## 1- PASSENGER ROAD VEHICLES

TOTAL

11. Automobile -----	1,174
12. Bus -----	14
13. Motorcycle, golf cart, snowmobile -----	12
14. Motor home, bookmobile etc. -----	1
15. Travel trailer -----	12
16. Camping trailer -----	2
17. MOBILE home -----	2

## 2- FREIGHT ROAD TRANSPORT VEHICLES

21. Trucks over 1-ton, general use -----	25
22. Truck under 1-ton-general use-----	76
23. Semi-trailer truck -----	22
24. Tank truck- non-flamm.cargo-----	0
25. Tank truck- flamm/comb.cargo -----	4
26. Tank truck-compressed gas/L.P. gas -----	0
27. Trash truck -----	10

## 3- RAIL TRANSPORTATION VEHICLES

31. Passenger, diner car -----	3
32. Freight, box car -----	3
33. Tank car -----	0
34. Container, piggy back car. -----	0
35. Locomotive, engine -----	1
36. Self-powered car -----	0
37. Maintenance equipment car -----	1

## 4- WATER TRANSPORT VESSELS

41. Motor craft (under 65 ft.) -----	0
42. Vessel (over 65 ft. under 1000 tons) -----	0
43. Passenger ship -----	0
44. Tank ship -----	0
45. Combat ship -----	0
46. Cargo ship (other than above)-----	1
47. Vessels without power -----	0
48. Commercial fishing vessels -----	0

## MOBILE PROPERTY (continued)

(28)

## 5- AIR TRANSPORT VEHICLES

TOTAL

51. Aircraft (under 12,500 lbs.)-----	0
52. Personal aircraft over(12,500 lbs.)-----	0
53. Commercial transport(reciprocating engine)-----	0
54. Commercial (Jet turbine powered )-----	0
55. Helicopter,non-military -----	0
56. Combat type aircraft -----	0

## 6- HEAVY EQUIPMENT

61. Earth moving-bulldozer,grader,etc. -----	0
62. Construction-pile driver,compressor -----	1
63. Material handling-forklift,tow motor-----	6
64. Crane -----	0
65. Tractor -----	0
69. Equipment not classified above -----	0

## 7- SPECIAL VEHICLES,CONTAINER

71. Garden equipment -----	0
72. Dumpster -----	446
73. Mechanical moving shipping container -----	0
74. Armored equipment -----	0

## 9- OTHER MOBILE PROPERTY TYPE

98. Mobile property type not applicable -----	0
99. Mobile property type not classified above-----	0
00. Mobile property undetermined/not reported -----	0

(29)

## IGNITION FACTOR

### 1-INCENDIARY

TOTAL

11. Incendiary ----- 1016

### 2- SUSPICIOUS

21. Suspicious ----- 327

### 3- MISUSE OF HEAT OF IGNITION

31. Abandoned, discarded, cigarettes etc.-----	5
32. Thawing -----	0
33. Falling asleep -----	5
34. Inadequate control of open fire -----	0
35. Cutting, welding, too close to. -----	9
36. Children playing with -----	15
37. Drug, alcohol-impaired-----	0

### 4- MISUSE OF MATERIAL IGNITED

41. Fuel spilled accidentally -----	1
42. Improper fueling technique -----	0
43. Flammable liquid used to kindle fire-----	5
44. Washing, cleaning parts W/flamm.liquid-----	0
45. Improper container -----	0
46. Combustible too close to heat -----	0
47. Improper storage -----	3
48. Children playing with -----	1

### 5- MECHANICAL FAILURE, MALFUNCTION

51. Automatic control failure-----	11
52. Manual control failure -----	0
53. Short circuit -----	6
54. Part failure, leak -----	1
55. Other electrical failure-----	5
56. Lack of maintenance -----	1
57. Backfire -----	1

(30)

IGNITION FACTOR (cont.)

6- DESIGN, CONSTRUCTION , INSTALLATION DEFICIENCY

	TOTAL
62. Construction deficiency -----	0
63. Installed too close to combustibles -----	3
64. Other installation deficiency -----	0
69. Not classified above -----	1

7- OPERATIONAL DEFICIENCY

71. Collision, overturn -----	0
72. Accidentally trnd. on, turned off -----	0
73. Equipment unattended -----	1
74. overload -----	3
75. Failure to clean -----	0
76. Improper startup, shutdown procedure -----	0
77. Equipment used for purpose not intended -----	0
78. Not operated properly -----	1

8-NATURAL CONDITION

81. High wind -----	0
83. High water -----	0
84. Lightning -----	0
89. Not classified above -----	0

9- OTHER IGNITION FACTOR

92. Rekindle from previous fire -----	66
93. Exposure fire -----	0
99. Not classified above -----	0

1-PUBLIC ASSEMBLY PROPERTY (31)

11. FIXED USE AMUSEMENT PLACES

FIRES-INSPECTIONS-VIOLATIONS

111. Bowling -----	0	0	0
112. Billiard, pool hall-----	0	0	0
113. Bingo, dance hall-----	0	103	6
114. Ice rink -----	0	0	0
115. Roller rink -----	0	0	0
119. Not classified above -----	0	0	0

12. VARIABLE USE AMUSEMENT PLACES

121. Ballroom, gymnasium -----	0	12	1
122. Exhibition hall -----	1	10	3
123. Arena, grandstand -----	5	15	2
124. Playground -----	17	9	5

13. CHURCH, FUNERAL PARLORS

131. Church, chapel -----	4	4	0
132. Religious education -----	0	0	0
133. Church hall-meeting-----	0	0	0
134. Funeral parlor, morgue -----	0	0	0

14. CLUBS

141. Boys Club -----	0	4	2
143. Yacht club-----	0	0	0
149. Not classified above-----	0	0	0

15. LIBRARIES, MUSEUM, COURTS

151. Library-----	0	4	0
152. Museum, art gallery-----	0	0	0
153. Historical building-----	0	0	0
154. Memorial building -----	0	0	0
155. Court room -----	0	0	0

16. EATING, DRINKING PLACES

161. Restaurant, diner-----	13	35	23
162. Nightclub -----	0	0	0
163. Tavern -----	15	223	46
164. Lunchroom, drive-in-----	0	12	2

(32)

## 17-PASSENGER TERMINALS

## FIRE-INSPECTIONS-VIOLATIONS

171. Airport, pass. term.-----	1	30	12
172. Heliport, helistop -----	0	0	0
173. Bus passenger term.-----	0	10	1
174. St. level rail term.-----	0	0	0
175. Undergrnd. rail term.-----	0	0	0
176. Elevated rail term.-----	0	0	0
177. Marine pass. term.-----	0	70	15

## 18-THEATER, STUDIOS

181. Legitimate theater -----	0		
182. Auditorium, concert hall -----	0	4	0
183. Motion pix theater -----	0	8	3
184. Drive-in theater-----	0	0	0
185. Radio, T.V. studio-----	0	0	0
186. Motion pix studio-----	0	0	0

## 2-EDUCATIONAL PROPERTY

## 21. NON-RESIDENTIAL SCHOOLS

211. Nursery school-----	0	96	7
212. Kindergarten -----	0	0	0
213. Elementary School-----	21	216	21
214. Junior high school-----	0	36	5
215. High school-----	26	54	11

## 22-RESIDENTIAL SCHOOL

221. Boarding school-----	0	0	0
---------------------------	---	---	---

## 23- TRADE, BUSINESS SCHOOL

231. Vocational trade school-----	0	8	0
232. Business school -----	0	0	0
233. Specialty school -----	1	4	0
234. Rehabilitation center-----	0	0	0

## 24- COLLEGE, UNIVERSITY

241. College, university -----	1	16	4
--------------------------------	---	----	---

### 3-INSTITUTIONAL PROPERTY (33)

#### FIRE-INSPECTION-VIOLATIONS

#### 31.CARE FOR THE AGED

311. Care/aged w/nursing -----	3	32	3
312. Care/aged w/o nursing-----	0	0	0

#### 32.CARE OF THE YOUNG

321. Day child-care center-----	0	12	1
322. Orphanage -----	0	0	0
323. Foster home -----	0	0	0

#### 33.CARE OF THE SICK, INJURED

331. Hospital -----	21	86	12
332. Sanitarium -----	0	0	0
334. Clinic -----	0	6	0

#### 34. CARE OF THE PHYSICALLY RESTRAINED

341. Prison cell-men-----	1	0	0
342. Prison cell-women -----	0	0	0
343. Juvenile detention home-----	0	0	0
345. Police station-----	2	0	0

#### 35. CARE OF THE PHYSICALLY INCONVENIENCED

351. Care of deaf-mute-blind-----	0	0	0
352. Physical rehabilitation -----	0	0	0

#### 36.CARE OF MENTALLY HANDICAPPED

361. Mental institution-----	0	0	0
362. Mentally retarded-----	0	0	0

#### 30. INSTITUTIONAL PROPERTY, UNCLASSIFIED

309. Institutional unclassified-----	0	0	0
--------------------------------------	---	---	---

## RESIDENTIAL PROPERTY

(34)

## FIRES-INSPECTIONS-VIOLATION

## 41-ONE AND TWO FAMILY DWELLINGS

411. One family dwelling-----	98	108	10
412. Two family dwelling-----	242	385	121

## 42- APARTMENTS, TENEMENTS, FLATS

421. 1 or 2 units w/business-----	24	1227	213
422. 3 through 6 units-----	406	2517	403
423. 7 through 20 units-----	42	1103	226
424. over 20 units -----	982	3486	972

## 43- ROOMING, BOARDING, LODGING HOUSE

431. 3 to 8 roomers -----	0	634	103
432. 9 to 15 roomers-----	4	302	89

## 44- HOTELS, MOTELS, INNS

441. Less than 20 units-----	2	28	9
443. 20 to 90 units-----	9	392	81
445. 100 or more units -----	4	119	21

## 46- DORMITORIES

461. School, college dorm.-----	0	8	3
462. Fraternity, sorority -----	0	0	0
463. Nurses quarters-----	0	0	0
465. Convent, monastery-----	0	0	0
466. Workers bunk house -----	0	0	0

## 48- HOME HOTELS

481. Less than 20 units -----	0	0	0
483. 20 to 99 units -----	0	0	0
485. 100 or more units -----	0	0	0

## 49 - OTHER RESIDENTIAL OCCUPANCY

491. Childrens playhouse -----	0	0	0
492. Outdoor tents-----	0	10	0

## 5- STORE, OFFICE PROPERTY

(35)

## FIRES-INSPECTIONS-VIOLATIONS

## 51. FOOD AND BEVERAGE SALES

511. Supermarket -----	3	10	6
512. Grocery store -----	5	28	18
513. Specialty food store-----	1	5	0
514. Liquor, beverage store-----	1	42	13
515. Creamery, dairy store-----	0	0	0
516. Delicatessen-----	1	4	0
519. N.C.A -----	12	0	0

## 52. TEXTILE, WEARING APPAREL SALES

521. Clothing store-----	0	22	9
522. Clothing access-shoe store-	1	12	4
523. Shoe repair shop-----	1	4	0
524. Tailor, dressmaking shop----	0	2	0
525. Fur store-----	0	2	0
526. Dry goods store -----	0	0	0

## 53. HOUSEHOLD GOODS, SALES, REPAIRS

531. Furniture store-----	2	30	7
532. Appliance store-----	0	0	0
533. Hardware store -----	0	4	0
534. Music store -----	0	0	0
535. Wallpaper, paint store -----	0	2	0
536. Rug, floor covering store---	0	0	0
537. Furniture REPAIR-----	0	0	0
538. Appliance repair shop -----	0	0	0

## 54. SPECIALTY SHOP

541. Book , stationery store-----	0	0	0
542. Newsstand, tobacco shop-----	0	0	0
543. Drug store-----	0	0	0
544. Jewelry store -----	0	0	0
545. Gift store-----	0	0	0
546. Leather goods shop -----	0	0	0
547. Florist , greenhouse -----	0	0	0

## 55- RECREATION,HOBBY,HOME REPAIR (36)

## FIRES-INSPECTIONS-VIOLATIONS

551. Hobby, toy shop -----	0	0	0
552. Sporting goods sales-----	0	0	0
553. Photo supplies-sales-----	2	2	0
554. Garden supply stores-----	0	0	0
555. Retail lumber sales-----	0	0	0
556. pet stores/hospital-----	0	0	0
557. Barber, beauty shop -----	3	3	0

## 56. PROFESSIONAL SUPPLIES, SERVICES

561. Professional supp.sales-----	1	1	0
562. Trade supply sales-----	0	0	0
563. Art supply sales-----	0	0	0
564. Laundry/cleaners/self-service----	3	10	1
565. Linen supply house -----	0	0	0
566. Laundry/cleaner pick-up-----	2	2	0
567. Home maintenance services-----	0	0	0
568. Car washing facilities-----	0	0	0

## 57. MOTOR VEHICLE. BOAT SALES, SERVICES

571. Service station, public-----	6	167	23
572. Service station.pvt.-----	0	0	0
573. Vehicle repair/paint shop-----	7	42	11
574. Vehicle, trailer sales-----	0	0	0
575. Vehicle accessory sales-----	0	0	0
576. Boat, craft sales-----	0	0	0
577. Service station, marine-----	0	0	0
578. Car washing facilities-----	0	0	0

## 58. GENERAL ITEM STORES

581. Department stores-----	3	8	4
582. Variety store, small-----	1	4	0
583. Variety store, large-----	0	0	0
584. Mail order store-----	0	0	0
585. Mall -----	0	0	0

## 59. OFFICES

591. General business office-----	15	15	0
592. Bank -----	1	1	0
593. Medical research office-----	0	0	0
594. Engineering/architectural -----	0	0	0
595. Mailing office-----	1	1	0
596. Post office -----	0	0	0
589. N.C.A. -----	9	9	0

## 7- MANUFACTURING PROPERTY

(37)

## FIRES-INSPECTIONS-VIOLATIONS

## 71. FOOD

711. Slaughter, meat-----	0	0	0
712. Dairy products mfg.-----	0	0	0
713. Canning, fruit, vegetables-----	0	0	0
714. Canning, sea food-----	0	0	0
715. Grain prod.mfg.-----	0	0	0
716. Baking prod.mfg.-----	0	0	0
717. Sugar refinery -----	1	1	0
718. Snack food mfg. -----	1	10	0
719. N.C.A -----	34	0	0

## 72. BEVERAGE, TOBACCO, ESSENTIAL OILS

721. Distilling, spirits-----	0	0	0
723. Brewery -----	2	2	0
724. Soft drinks -----	0	0	0
725. Tobacco prod.mfg.-----	0	0	0
726. Soap Mfg.-----	1	1	0

## 73. TEXTILES

732. Cotton, weaving-----	0	0	0
734. Mixed fiber, weaving-----	0	0	0
735. Textile finishing -----	1	1	0
736. Knitting mill -----	0	0	0
737. Cordage, rope mfg.-----	0	0	0
738. Floor covering -----	0	0	0

## 74. FOOTWEAR, WEARING APPAREL

741. Footwear mfg.-----	0	0	0
742. Wearing apparel mfg.-----	6	12	0
743. Made-up textile mfg.-----	0	0	0
744. Tannery -----	2	4	0
745. Fur, fur prod. mfg.-----	0	0	0
746. Leather prod.mfg. -----	2	2	0
747. Rubber prod.mfg. -----	0	0	0

## 75. WOOD, PAPER, FURNITURE, PRINTING

751. Sawmill -----	1	1	0
752. Wooden ware mfg.-----	0	0	0
753. Wood, cork prod.mfg.-----	0	0	0
754. Furniture mfg.-----	1	1	0
755. Paper, paperboard mfg.-----	0	0	0
756. Paperboard prod mfg.-----	0	0	0
757. Newspaper, magazine -----	1	1	0
758. N.C.A-----	3	0	0

(38)

76. CHEMICAL, PLASTIC, PETROLEUM

FIRES-INSPECTIONS-VIOLATIONS

761. Industrial chem. mfg.-----	8	32	8
762. Hazardous chem.mfg.-----	2	12	2
763. Plastic mfg.-----	1	5	0
764. Plastic prod.mfg.-----	2	6	1
765. Paints, adhesives mfg.-----	5	12	1
766. Drugs.cosmetics mfg.-----	1	1	0
767. Petroleum,gas refinery-----	1	3	0
768. Asphalt,coal prod.mfg,-----	0	0	0

77. METEAL, METAL PRODUCTS

771.Iron,steel mfg.-----	9	9	0
772.Non-ferrous metal mfg.-----	1	1	0
773.Metal prod.mfg.-----	9	9	0
774.Machinery mfg.-----	0	0	0
775.Elect.machinery mfg.-----	4	4	0
776.Elect.appliance mfg.-----	0	0	0

78. VEHICLE ASSEMBLY, MANUFACTURE

781.Ship repairing (over65')-----	0	0	0
782.Ship repair (under 65')-----	0	0	0
783.Railway equip.mfg.-----	0	0	0
784.Motor vehicle mfg.-----	1	1	0
785.Bycycle assembly mfg.-----	0	0	0
786.Aircraft,rocket assy.-----	0	0	0
787.Transport equip. mfg.-----	0	0	0

79. OTHER MANUFACTURING

791.Instrument mfg.-----	0	0	0
792.Photo.optical mfg.-----	0	0	0
793.Watch,clock mfg.-----	0	0	0
794.Jewelry mfg.-----	0	0	0
795.Musical instr.mfg.-----	0	0	0
796.Dry cleaning plant-----	2	2	0
797.Photo film process lab.-----	0	0	0
798.Toy,sporting goods mfg.-----	0	0	0

70. MANUFACTURING PROPERTY, UNCLASSIFIED

708. General maintenance shop.---	0	0	0
-----------------------------------	---	---	---

(39)

86. CHEMICAL, PLASTIC PRODUCTS

FIRES-INSPECTIONS- VIOLATIONS

861. Industrial chemical-----	0	12	2
862. Hazardous chemical -----	0	12	3
863. Plastic-plastic product-----	4	16	1
864. Fertilizer-----	0	0	0
865. Paint-varnish-----	0	2	1
866. Drugs-cosmetics-----	0	0	0
867. Rubber, rubber prod.-----	0	0	0
868. Photo/film storage-----	0	0	0

87. METAL, METAL PRODUCT STORAGE

871. Basic metal form-----	0	0	0
872. Metal parts-----	0	0	0
873. Hardware-----	0	0	0
874. Machinery-----	2	8	0
875. Elect. appliance supp.-----	0	0	0
876. Finished metal prod.-----	1	4	0
877. Scrap/junk yards-----	12	24	6

88. VEHICLE STORAGE

881. Garage, residential-----	50	81	10
882. Garage, parking -----	11	28	3
883. Bus-car-truck fleet dealer-----	0	0	0
884. Heavy machine equip.-----	0	0	0
885. Marinas-boat, ship-----	0	0	0
886. Aircraft hanger-----	0	0	0
887. Railway storage-----	0	0	0
888. Fire station-----	0	0	0

89. GENERAL ITEM STORAGE

891. General warehouse -----	1	12	3
892. Bagged mineral prod.-----	0	0	0
893. Packaged mineral prod.-----	0	0	0
894. Freight terminal-----	0	0	0
895. Coal/coke/charcoal-----	0	0	0
897. Ice storage-----	0	0	0
898. Wharf/pier-----	0	0	0

80. STORAGE PROPERTY, UNCLASSIFIED

808. Tool shed -----	24	24	0
----------------------	----	----	---

91. CONSTRUCTION, UNOCCUPIED PROPERTY (40)		FIRES-	INSPECTIONS-	VIOLATIONS
DAI-	1. Under construction-----	3	9	10
	5. Vacant property-----	542	7,020	3,056
	6. Abandoned-----	0	0	0
	7. Being demolished-----	0	0	0

## 92. SPECIAL STRUCTURES

### FIRES

921. Bridge. trestle -----	11
922. Tunnel-----	0
923. Public mailbox-----	14
924. Toll station-----	2
925. Shelter, bus, storm-----	0
926. Outbuilding-----	3
927. Telephone booth-----	2

## 93. OUTDOOR PROPERTIES

930. Insufficient information-----	631
931. Open land/field-----	41
932. Dump/land fill -----	1
933. Residential yard-----	584
934. Cemetery-----	26
936. Vacant lot -----	426
938. Parks -----	95
939. River front-----	4

## 94. WATER AREA

942. Port, channel -----	0
946. Inland water area-----	2
943. Piers -----	3

## 95. RAILROAD PROPERTY

951. Railroad right of way-----	132
952. Switchyard-----	20
953. Siding-----	2

## 96. ROAD, PARKING PROPERTY

961. Divided hwy.-----	46
962. Paved public street-----	313
963. Paved private street-----	2
965. Open parking lot-----	12

## 97. AIRCRAFT AREAS

971. In flight -----	0
972. On runway-----	0
974. at loading ramp-----	0

## 98. OUTSIDE EQUIPMENT- OPER. AREA

981. Construction site-----	1
984. Industrial plant yard -----	7

(41)

J.C.A TYPE OF INCIDENT

2- OVERPRESSURE, OVERHEATING(no ensuing fire))

21. Steam rupture-----	22
22. Air, gas rupture-----	2
29. Overheat, explosion-----	1

3- RESCUE, EMERGENCY MEDICAL CALL

31. Medical assist-----	47
32. Emergency medical call-----	508
35. People trapped-----	12

4- HAZARDOUS CONDITION, STANDBY

41. Gas leak/Flamm.liq.spill-----	335
44. Elect. arc/short-----	302
45. Oilburner delayed ignition-----	267
46. Vehicle accident-----	256
49. Haz. cond. standby-----	4

5- SERVICE CALL

51. Locked out/etc.-----	94
52. Water problem-----	155
53. Smoke/odor condition-----	325
54. Animal problem-----	12
55. Police assist-----	118
56. Unauthorized burning-----	79

6- GOOD INTENT CALL

61. Incident cleared prior to arrival-----	12
62. Wrong location-----	15
63. Controlled burning-----	10
64. Multiple box pull-----	5
65. Steam/gas mistaken for smoke-----	190

7- FALSE CALL

73. Malfunction of system-----	1,050
74. Unintentional -----	200
79. N.C.A.-----	3

DIVISION OF INVESTIGATION

(Arson Squad)

Annual Report for the year 1982  
submitted by  
Deputy Chief James V. Raymond

---

The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1982.

The complete records of all investigations conducted by the Arson Squad, including photographs, evidence, statements, etc., are on file in the Arson Squad office and will be made available to interested parties where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court disposition of these arrests, are on file in the Arson Squad office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department Youth Aid Bureau, Board of Education, Fire Prevention Bureau and the Department of Health and Welfare.

Throughout the past year, we have continued our liaison with the New Jersey State Police, Essex County Prosecutor's office, Federal Bureau of Investigation, Alcohol Tobacco and Fire Arms, New Jersey Motor Vehicle Department, New Jersey Youth and Family Services. These agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

In January 1982, the Division of Investigation applied to Factory Mutual Engineering System for a grant to establish a modern arson library (consisting of books, slides, and films.) This library would aid not only in up-dating and intensifying in-service training, but also would add the ability to reach out to the community in an effort to offset the present attitude of apathy toward arson.

In August 1982, Director John P. Caufield accepted a check for \$2,500 from Factory Mutual making the Library a reality.

I wish to take this opportunity of thanking Director Caufield, Chief Kossup, and all the officers and members of the Newark Fire Department for the cooperation and assistance they have given to the Arson Squad in 1982.

### Arson Squad (2)

The following is a list of activities of the Division of Investigation for 1982:

- \* We continue to assist the Division of Criminal Justice in training Arson Investigators. Our 35-hour intern program given to new investigators is practical on-the-job training. A number of men participated in this unique program, including two men from New Zealand.
- \* Continue to cooperate with the Essex County Prosecutor's Office (Arson Task Force) with investigation through Essex County.
- \* Three men attended a week long "Arson for Profit Investigation" course at Union College that was given by the Bureau of Alcohol, Tobacco and Firearms (ATF).
- \* Over 3,000 copies of the Newark Arson Squad News Letter were distributed.
- \* All members requalified in the care and use of firearms in our yearly program.
- \* The Division of Investigation has continued to investigate the illegal dumping of chemical waste.
- \* Division of Investigation assisted in the training of new firefighters at the Training Center.
- \* During the course of the year, several cities in Essex County have called in and received assistance from the Division of Investigation.
- \* The Division of Investigation supplied men to lecture at meetings of the New Jersey State Advisory Committee.

oOo

# DIVISION OF INVESTIGATION

(Arson Squad)

## INVESTIGATIONS

Signal 100	877
Signal 102	859
Multiple Alarms	84
Complaints	<u>284</u>

Total	2,104
-------	-------

Signal 200 (Deaths)	25
Signal 300 (False Alarms)	37

## BREAKDOWN OF INVESTIGATIONS

	<u>Buildings</u>	<u>Non-Buildings</u>	<u>Motor Vehicles</u>	<u>Total</u>
Incendiary	1016	134	234	1384
Accidental	146	15	12	173
Undetermined	<u>169</u>	<u>68</u>	<u>12</u>	<u>249</u>
	1331	217	258	1806

## ARRESTS

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Arson	25	49	74
False Alarm	17	7	24
Threat to Burn	0	7	7
Warrants	1	54	55
Others	<u>18</u>	<u>29</u>	<u>47</u>
	61	146	207

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Reprimand (Fire)	39	0	39
Reprimand (Sig.300)	26	3	29
Referred to Division of Youth and Family Services			2
Referred to Youth Aid Bureau			61
Court Appearances			138
Court Hours			441½

DIVISION OF INVESTIGATION  
(Arson Squad)  
Death by Fire 1982

<u>Date</u>	<u>Time</u>	<u>Station</u>	<u>Address</u>	<u>Sex</u>	<u>Age</u>	<u>Cause</u>	<u>Bldg. Code</u>
1/11	0021	1424	36 North 12th Street	M	64	A	432
1/11	0021	1424	36 North 12th Street	M	49	A	432
1/11	0021	1424	36 North 12th Street	M	75	A	432
1/20	Complaint		9 Gouverneur Street	F	50	A	432
2/1	0142	3514	790 Clifton Ave	F	4	U	414
2/3	0142	3514	790 Clifton Ave	M	6	U	414
2/6	0142	3514	790 Clifton Ave	M	10	U	414
2/5	1525	1599	116 Mead Street	M	6	A	411
2/13	1525	1599	116 Mead Street	M	6	A	411
2/11	1316	1441	304 South 9th Street	F	19	A	414
2/11	1316	1441	304 South 9th Street	F	2	A	414
2/11	1321	2434	149 Frelinghuysen Ave	M	66	A	773B
2/27	0543	2251	59 Edison Place	Unknown		I	163
3/6	1818	4148	56 Johnson Ave	M	57	I	431
4/8	0804	5316	153 Wilson Ave	M	57	A	421
6/2	2130	3224	119 Broad Street	M	50	U	133
9/5	0146	3123	38 Webster Street	M	26	U	422
10/6	0350	1434	173 South 10th Street	M	68	U	422
10/6	0400	4433	766 South 17th Street	M	6 Mo	I	422
10/6	0400	4433	766 South 17th Street	M	8	I	422
10/6	0400	4433	766 South 17th Street	F	9	I	422
10/6	0400	4433	766 South 17th Street	M	12	I	422
10/6	0400	4433	766 South 17th Street	F	13	I	422
11/10	0547	5343	600 Doremus Ave	M	46	A	762
11/19	2105	3156	45 Highland Ave	M	61	A	421
TOTAL DEATHS		25					

A - Accidental

U - Undetermined

I - Incendiary

FIRE SIGNAL SYSTEM OPERATIONS  
ANNUAL REPORT FOR THE YEAR 1982  
SUBMITTED BY  
ALBERT S. LASSO, CHIEF

---

In compliance with the Rules and Regulations of the Newark Fire Department, I hereby submit this Annual Report:

1. Alarms Transmitted	26,979
2. False Alarms Received	10,640
3. Box Tests Supervised	4,700
4. Tests from Private Fire Alarm Companies Supervised	3,200
5. Tests conducted of Airport Fire Alarm Facilities	365
6. Telephone calls handled over Centrex System (approx.)	590,000
7. Radio calls handled (approx.)	340,000
8. Number of Circuits tested	85,000
9. Miscellaneous reports prepared and distributed	9,800
10. Individuals and Agencies dispatched to multiple alarms	3,500
11. Prepare and distribute daily alarm summary reports	365
12. Prepare orders for purchase of equipment and materials necessary for this Division	
13. Verify invoices and bills related to all Fire Department telephones	
14. Supervise installation of new equipment within the Central Office	
15. Other job operations (bookkeeping, janitorial duties, etc.) performed as needed	

oOo

1. GONG ALARMS TRANSMITTED												
	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL				
a) Full assignment alarms (all normally scheduled units.)	285	274	287	265	302	242	342	313	315	359	344	285
b) Signal Eight alarms. (Response limited to one Engine Company, a Ladder unit and a Battalion Chief.)	98	32	34	43	22	12	38	35	40	55	25	32
c) Signal Nine alarms. (Two Engine Companies, a Ladder unit and a Battalion Chief.)	670	806	910	829	959	1072	1111	1142	1109	1219	1251	900
d) Total of the foregoing.	1053	1112	1231	1137	1283	1326	1491	1490	1464	1633	1620	1217
2. ONE UNIT ALARMS TRANSMITTED												
a) Single company fire incidents, emergencies, etc.	919	873	951	932	1001	963	970	870	853	989	943	658
b) Total movements in this category.	919	873	951	932	1001	963	970	870	853	989	943	658
3. GRAND TOTAL												
Paragraphs #1 and #2 combined.	1972	1985	2182	2069	2284	2289	2461	2360	2317	2622	2563	1875
4. ALARM RECEIVED FROM (BY):												
a) Fire Box	530	716	824	734	850	951	988	1110	1029	1129	1203	845
b) Public telephone	399	345	346	340	389	348	429	329	375	448	347	337
c) Central Station Automatic systems.	98	32	36	42	33	17	39	25	27	28	45	18
d) Police Department.	13	15	16	15	7	6	20	15	22	19	13	10
e) Department's radio system.	13	4	9	6	4	4	15	11	11	9	12	7
f) Total of the foregoing	1053	1112	1231	1137	1283	1326	1491	1490	1464	1633	1620	1217

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
5. <u>MULTIPLE ALARMS</u>													
a) Second Alarms (two full assignments.)	9	7	6	1	5	3	5	6	8	7	5	4	66
b. Third alarms (three full assignments.)	1	3	1	1	3	1	1	0	0	2	1	3	17
c. Fourth alarms (four full assignments.)	0	0	0	1	0	0	0	0	0	0	0	0	1
d. Total of the foregoing.	10	10	7	3	8	4	6	6	8	9	6	7	84

6. <u>ALARMS FROM FIRE BOXES</u>													
a) Aggregate number of fire alarm boxes pulled.	591	789	911	810	941	1048	1074	1218	1123	1220	1303	907	11935
b) Signals from fire boxes held, alarm already transmitted.	61	73	87	76	91	97	86	103	94	91	100	62	1021

7. <u>REPORTS FOR SAME INCIDENT REC'D THROUGH TWO UNRELATED MEDIUMS.</u>													
a) Confirming alarm received from fire box after notice by phone.	37	56	65	67	72	61	73	68	59	81	74	47	760
b) Confirming phone notice received after alarm from fire box.	17	21	28	32	29	18	26	20	17	20	21	14	263
c) Alarms received from a single source.	999	1035	1138	1038	1182	1247	1392	1402	1388	1532	1525	1156	15034

8. <u>MISCELLANEOUS</u>													
a) Units relocated in emergencies	140	137	103	55	66	62	58	64	92	101	87	89	1054
b) Telegraph signals transmitted	8219	8430	9224	8598	9664	9544	10771	10442	10302	11645	11383	8570	116792
c) Enroute units stopped by radio and returned to service	4633	4892	5812	5002	5645	5834	6560	6556	6441	7185	7128	5354	71042
d) Newark units responding to other communities	7	10	6	0	3	4	11	0	5	2	3	13	64

FIRE SIGNAL SYSTEM OPERATION  
CONSTRUCTION & MAINTENANCE  
ANNUAL REPORT  
FOR THE YEAR 1982  
SUBMITTED BY  
JOHN DI BLASIO, ACTING CHIEF

---

The following is an account of this division's work performed during the twelve-month period of 1982, ending on December 31, 1982:

Subterranean ducts rodded (feet of)	5,885
Pullwire installed in ducts (feet of)	11,165
Subterranean cable installed (feet of conductor)	957,425
Single line wire installed (feet of)	5,110
Aerial cable installed (feet of conductor)	1,000
Twin "C" wire installed (feet of conductor)	18,201
Galvanized messenger installed (feet of)	100
Subterranean cable removed (feet of conductor)	957,425
Line wire removed (feet of)	13,995
Fire alarm boxes installed (modified)	68
Fire alarm boxes relocated	19
Fire alarm boxes sent to shop for service/modification	75
Fire alarm boxes inspected, tested and wound	6,134
Stanchions reset	23
Junction boxes installed	3
Junction boxes replaced	2
Stanchions/Junction boxes rehabilitated	77
Stanchions/Junction boxes removed	2
Pole line construction released only	34
Pole line hardware/crossarms replaced only	196
Pole transfers completed	102
Trees trimmed	38
Ground rods buried	3
Fire house batteries serviced (sets of)	336
Field inspections (hours of)	117
Field facility patrolled ((miles of)	188
Training sessions (hours of)	48
Housekeeping/Vehicle maintenance (hours of)	48
Major job operations completed	4,530
Minor job and corrective functions performed	7,841
Pre-construction and survey conferences	6
Central station maintenance (hours of)	132

oOo

SPECIAL SERVICE AND SUPPLY COMPANY  
ANNUAL REPORT SUBMITTED BY  
JOSEPH L. MAGNUSSON, DEPUTY CHIEF  
FOR THE YEAR 1982

---

The Special Service Division operated on an around-the-clock basis throughout the year, and continued to provide the necessary services of supply and repair to all Fire Department units, and to provide for various services to other city departments and agencies and the community in general. These services are performed by our personnel, some of whom are assigned to tours, and some on a daytime basis only. Planned programs and policies were adhered to, and new programs and procedures have been formulated for the forthcoming year, in an attempt to achieve goals in a most expeditious manner. Accomplishments and services of various sections in this Division during the past year are as follows:

DELIVERY AND PICK UP SERVICE: Deliveries and pick ups were made on a morning, afternoon and evening basis as per schedule for routine items. Items of an emergency nature were handled immediately on a twenty-four hour a day basis. Items handled were such things as housekeeping supplies, tools, equipment, extinguishers, oxygen and air cylinders, masks, furniture, lockers, rock salt, ladders, hose and other supplies and equipment that required storage and transportation.

Special Service personnel responded to multiple alarm fires and special calls with fuel for apparatus, air tanks, salvage covers, and when requested, the Hi-Ex Foam Generator, smoke ejector, and foam concentrates.

Special Service is also charged with the pick up at the fire scenes of salvage covers, and the maintenance of same, also the redistribution of these covers to fire companies throughout the Fire Department.

Special Service have responded on request to cordon off buildings deemed to be in dangerous condition, and posting these buildings indicating that a dangerous condition exists at the site.

Fire apparatus requiring repairs or adjustments were picked up and delivered to various locations. Replacements for these apparatus were delivered to the affected fire companies by Special Service personnel.

MESSENGER SERVICE: This service provided by Special Service personnel. The messenger carried out his prescribed duties daily, calling on Headquarters as well as all Chiefs' quarters. He also performed other related duties.

## Special Service and Supply (2)

MASK REPAIR DIVISION: The mask department was charged with the repair and maintenance of all type masks used by the Fire Department. During the past year, this department bench-checked (rebuilt to new condition), over 170 MSA Masks. Chemox and Scott masks were also maintained by these personnel. Air tanks were also repaired and maintained. A new "rubber bumper", designed by Special Service personnel, was also installed over tank gauges, and were successful in cutting down damage to such gauges to a fraction of the damage prior to this innovation. During the forthcoming year, all MSA Air Masks will have undergone a complete rebuilding, and will be part of a steady ongoing program.

AIR PURIFICATION UNIT: An M&J Association Air Purification system was used during the past year, in conjunction with an Ingersoll Rand Compressor, model H 15 T4x 20, 5,000 psi capacity. Our original Robbins Air System, with Ingersoll Rand Compressor is now a back-up system. Used in tandem, this package is probably one of the best installations in the country. Over 17,583 air tanks were filled during the past year, with over 200 hours pumping time recorded during the past year. Provision to comply with Federal and State health laws were made, air samples were lab tested monthly, throughout the year.

CANVAS SHOP: Canvas items such as mask box covers, chain saw sheathes, electrical generator covers, control pedestal covers for hook and ladder trucks, turret nozzle covers, hose bed covers, foam can covers, stretchers, tool kit bags, smoke ejector covers, mask facepiece holders, rope bags, etc., were made in this department, as well as maintenance of these items. Window shades for various firehouses were also repaired or fabricated in this department.

STOCK ROOM: All tools, equipment, devices and supplies, (except those ordered through Fire Headquarters and the Hose Shop), were ordered, received, checked, recorded, stored and distributed as needed to the fire units through the delivery service.

Auto and truck equipment were handled by this unit during the past calendar year.

Supply room personnel repaired porto-lites, and hand lights of other types, desk lamps, extension cords, K-12 Saws, generators, etc. They also made special belts and straps, tested salvage covers, and made the necessary arrangements with the carpenter shop to repair axe and hook handles. This unit also made the necessary arrangements for the construction and maintenance of such items as mask boxes, skid load panels, hose bed decking, apparatus windshields, and canopies, and whatever other needs of the Fire Department requiring the services of the carpenter shop. This department is also charged with the repair of such articles as portable pumps, explosimeters, and the maintenance of a supply of saw blades. The unit also coordinates the necessary building and maintenance of fire department buildings.

### Special Service and Supply (3)

APPARATUS MAINTENANCE: All fire apparatus in service, and all spare apparatus were tested by this department in accordance with accepted procedures. Apparatus were maintained and repaired by this division in conjunction with the Bureau of Motors. Arrangements for work with outside mechanics were made when necessary. The scheduling and maintenance of records of the Preventive Maintenance Program were kept by this unit.

Specifications for the purchase of new apparatus were also drawn up by this department in conjunction with the Chief of the Department. This activity and the acceptance of new vehicles often required meetings with the agents and representatives of manufacturers concerning acceptance tests, malfunctions, deviations from specifications, etc.

This unit approved several drivers and tillermen, visited a number of fire houses to conduct on-site drills, and to explain the operation and maintenance of fire apparatus.

HOSE SHOP: The Hose Shop kept all fire companies properly supplied with hose fittings. All hose in service was tested, and over-aged hose was repaired when possible, as were damaged nozzles, valves, adapters, hose fittings, brackets, and other miscellaneous equipment.

Using Oxy-Acetylene welding equipment, many apparatus and equipment parts were repaired, and with this equipment added to the general maintenance capability of the shop.

GENERAL: Various size metal ladders were received, stored and placed in service when necessary. All metal ladders on all apparatus are now maintained and repaired by Special Service personnel.

The program for inventory and test control of gas pressure cylinders in use in this department continued throughout the year. These cylinders include air tanks, oxygen tanks, CO<sub>2</sub> tanks, dry powder and dry chemical extinguisher tanks, air pressure and water extinguishers, and hydro-test cylinders. All cylinders are tested every five years, on a continuing basis from the date of manufacture.

Special Service is also charged with the scheduling of all building repairs to the Fire Department buildings. This unit also endeavors to work closely on this subject with personnel from the Bureau of Construction. Maintenance of a file system, recording building complaints and disposition of same is also kept by this unit.

Special Service and Supply (4)

Community assistance activities included the following during the past year:

Pumping out cellars and basements and community owned swimming pools.

Provided and operated portable electric generators, lamps, cables, at emergency situations, and routinely on request.

Provided extinguishers for protection at various functions, and for demonstration purposes.

Each sub-division of Special Service maintained records and file systems; submitted various required reports consistent with duties and activities, engaged in necessary clerical work consistent with objectives, correspondence and telephone communications essential to operations; and performed the housekeeping duties necessary to maintain quarters in a clean and presentable condition.

oOo

SPECIAL SERVICE & SUPPLY  
APPARATUS REPORT  
SUBMITTED BY  
DANIEL J. TAURIELLO  
&  
WALTER MUELLER  
CHIEFS OF APPARATUS

---

In compliance with rules and regulations, the following report is respectfully submitted outlining the activities of the Apparatus Division for the year 1982:

There are 87 units in the Fire Department:

- 21 engines and 5 spare engines
- 10 aerials and 3 spare aerials
- 1 Rescue Squad truck
- 1 Fire Boat

The remaining units are assigned to Chiefs, the Training Academy, Special Service, Arson Squad, Fire Prevention Division, Bureau of Combustibles and Community Relations.

Three aerial trucks were put in service in 1982:  
Truck Companies 1, 10 and 12.

Three vehicles were taken out of service:  
Spare engine Reg. 1047, Eng. Co. 12, and staff car Reg. 1117.

Lubrication, oil changes, and preventive maintenance work was done periodically. All pumpers were tested.

All aerial ladders were inspected and ground ladders were tested.

Drivers, pump operators, and aerial ladder operators were certified.

Change-over of apparatus was made when necessary.

Supervised the record-keeping of all repairs.

Visited all fire houses and gave lectures on fire ground hydraulics, safe driving practices, care of apparatus and other related subjects.

oOo

SPECIAL SERVICE AND SUPPLY

HOSE DIVISION  
ANNUAL REPORT  
SUBMITTED BY  
FIREFIGHTER JOSEPH STOCK  
FOR THE YEAR 1982

The following report indicates the amount of fire hose in service, hose in reserve and used hose on hand. Also included is the amount of brass work done as of December 31, 1982.

	<u>HOSE INVENTORY</u>	<u>TOTAL AVAILABLE</u>
4½" In service with companies	25 - 15 ft. lengths	375 ft.
4½" In reserve (new hose)	12 - 15 ft. lengths	180 ft.
4½" In reserve (used hose)	5 - 15 ft. lengths	75 ft.
	<u>42 - 15 ft. lengths</u>	<u>630 ft.</u>
3" In service with companies	307 - 50 ft. lengths	15,350 ft.
3" In service with companies	various lengths	2,400 ft.
3" In reserve (new poly hose)	26 - 50 ft. lengths	1,300 ft.
3" In reserve (use poly hose)	22 - 50 ft. lengths	1,100 ft.
	<u>355 - 50 ft. lengths</u>	<u>20,150 ft.</u>
4" In service with companies	33 - 50 ft. lengths	1,650 ft.
4" In reserve	none	
2½" In service with companies	360 - 50 ft. lengths	18,000 ft.
2½" In reserve (new poly hose)	56 - 50 ft. lengths	2,800 ft.
2½" In reserve (Used poly hose)	170 - 50 ft. lengths	8,500 ft.
	<u>586 - 50 ft. lengths</u>	<u>29,300 ft.</u>
1-3/4" In service with companies	226 - 50 ft. lengths	11,300 ft.
1-3/4" In reserve (new poly hose)	167 - 50 ft. lengths	8,350 ft.
1-3/4" In reserve (used poly hose)	12 - 50 ft. lengths	600 ft.
	<u>405 - 50 ft. lengths</u>	<u>20,250 ft.</u>
1-1/2" In service with companies	181 - 50 ft. lengths	9,050 ft.
1-1/2" In reserve (new poly hose)	40 - 50 ft. lengths	2,000 ft.
1-1/2" In reserve (used poly hose)	86 - 50 ft. lengths	4,300 ft.
	<u>307 - 50 ft. lengths</u>	<u>15,350 ft.</u>
1" Booster in service with companies	72 - 50 ft. lengths	3,600 ft.
1" Booster in reserve	12 - 50 ft. lengths	600 ft.
3/4" Booster in service with companies	90 - 50 ft. lengths	4,500 ft.
3/4" Booster in reserve	10 - 50 ft. lengths	500 ft.
	<u>184 - 50 ft. lengths</u>	<u>9,200 ft.</u>

## SPECIAL SERVICE & SUPPLY

### Hose Division (2)

#### New Hose Issued

4½" - 100% Poly	6 lengths - 15 ft.	90 ft.
4" - Hose	33 lengths - 50 ft.	1,650 ft.
3" - 100% Poly	24 lengths - 50 ft.	1,200 ft.
2½" - 100% Poly	19 lengths - 50 ft.	950 ft.
1-3/4" - 100% Poly	101 lengths - 50 ft.	5,050 ft.
1½" - 100% Poly	22 lengths - 50 ft.	1,100 ft.
1" - Booster	3 lengths - 50 ft.	150 ft.
3/4" Booster	<u>11 lengths - 50 ft.</u>	<u>550 ft.</u>
	219 lengths - 50 ft.	10,740 ft.

#### New Hose Received

4½" Soft Suction (15 ft. lengths	15 - 15 ft. lengths	225 ft.
4" Dura-Light Hose	33 - 50 ft. lengths	1,650 ft.
1-3/4" - 100% Poly	200 - 50 ft. lengths	10,000 ft.
1½" - 100% Poly	<u>50 - 50 ft. lengths</u>	<u>2,500 ft.</u>
	283 - 50 ft. lengths	14,150 ft.
	( 15 - 15 ft. lengths)	(225 ft.)

#### Hose Repaired

4½" - Soft Suction	20 - 15 ft. lengths	300 ft.
3" - 100% Poly Hose	31 - 50 ft. lengths	1,550 ft.
4" - Dura-Light Hose	4 - 50 ft. lengths	200 ft.
2½" - 100% Poly Hose	41 - 50 ft. lengths	2,050 ft.
1-3/4" - 100% Poly Hose	34 - 50 ft. lengths	1,700 ft.
1½" - 100% Poly Hose	27 - 50 ft. lengths	1,850 ft.
Booster Hose	<u>17 - 50 ft. lengths</u>	<u>850 ft.</u>
	174 - 50 ft. lengths	8,500 ft.

#### Hose Tested

3" Hose Tested	342 lengths	17,100 ft.
3" & 2½" Hose Tested	various lengths	4,000 ft.
2½" Hose Tested	321 lengths	16,050 ft.
1-3/4" Hose Tested	217 lengths	10,850 ft.
1½" Hose Tested	181 lengths	9,050 ft.
1" & 3/4" Booster Hose Tested	121 lengths	6,050 ft.

Total number of valves, adapters, nozzles, equipment and miscellaneous articles repaired or installed during the year - 464

Special Service and Supply (5)

Performance Report - 1982

Number of Alarms answered	763
Number of pick-ups and deliveries	24,667
Gasoline distributed at fires	1,053 gals.
Motor oil distributed at fires	54 gals.
Diesel oil distributed at fires	378 gals.
Electric generator used	23
Floodlight cable used	20
Number of lights used	36
Window shades	44
Cellars pumped out	283
Hours spent pumping out cellars	824 hours
Porto-lites repaired	1,253
Porto-lite batteries distributed to companies	1,240
Liquid foam distributed to companies	790 gals.
Oxygen cylinders refilled	263
Survivair, Scott & M.S.A. air cylinders refilled	17,583
15 lb. C.O. <sup>2</sup> extinguishers refilled	494
Masks repaired	3,801
Canvas covers for bags, boxes, deck, etc., and repair	51
Air tanks repaired	582
Dri-powder extinguisher refilled	124
Smoke ejector on special calls	11
Hi-Ex Expansion foam unit on special call	10
Ladders repaired	219
Ladders repaired (feet)	4,473 feet
Movement of apparatus	313
Salvage covers picked up and delivered	567
K-12 saws repaired	134
Metal hooks assembled and repaired	821
Generator repairs	220

oOo

TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
ALFRED FRED A, DEPUTY CHIEF  
FOR THE YEAR 1982

---

The Division of Training is responsible for all phases of Fire Department training. This responsibility includes training of recruit firefighters, in-service fire service personnel and industrial fire brigades. The realization of these responsibilities is accomplished through course material presented at the Battalion and Company level. The training goals and objectives are established by the National Fire Protection Association Standard 1001 and programs of instruction postulated by the International Fire Service Training Association.

The following major training programs were completed under the direct supervision of Training Division Personnel:

MAJOR TRAINING PROGRAMS

Crash Injury Management ( C.I.M.) (recertification)	(on-going)
Cardio-Pulmonary Resuscitation (C.P.R.) (recert.)	....(on-going)
Probationary Firefighter Training (Newark)	..... 11/1 - 11/26
Probationary Firefighter Training (Elizabeth)	..... 7/22 - 7/29
Mask S.C.B.A. Training (Linden)	..... 11/22 - 11/26
Hazardous Materials	.....(on-going)
Fire Boat Operations	.....(on-going)
Firefighting Refresher Course (Staff Personnel)	.... 11/30 - 12/15
Basic Evolutions- Aerial and Ground Ladders	..... 9/15 - 10/28
Basic Pump Evolutions	..... 9/14 - 10/28
Use of Foam on Tank Fires	.....(on-going)
Petroleum Storage	.....(on-going)
Care of S.C.B.A. Mask	..... 5/3 - 8/30
Use of the S.C.B.A. in Cold Weather	.....(on-going)
Danger: Explosives	.....2/1 - 3/30

SPECIALIZED TRAINING

Roseville Day Care Center	Port Authority Police
Engineering Department (Newark)	Newark Police
People's Express	N.J.I.T. Police
Handicapped Children (Essex County)	Essex County College
St. Benedict's Prep.	Post Office
Food Stamp Centers (Newark)	East Orange Fire Department
Trinity Methodist Church	Health Fair Y.M.W.C.A.
New Community Corp.	Essex County Sheriff
Franklin School	Health Fair Rutgers
School for the Emotionally Disturbed (Newark)	Int. Soc. Fire Service Instruction
Colonnade Apartments	Hazardous Material Seminar

C.P.R. at City Hall, Military Park, Washington Park, North Ward Center, and Newark Police Emergency Bureau. Certified members of the Newark Police Training Staff in C.P.R. and C.I.M. as instructors.

### Training Division (3)

The Safety-Water Officer has worked closely with the Water Department in getting out-of-service hydrants identified and placed back in service. He also conducted monthly safety meetings and investigated on the job accidents.

The Commanding Officer and the staff at the Training Division, wish to extend thanks and gratitude to Director John P. Caufield and Fire Chief Stanley J. Kossup, for their progressive leadership and whole hearted support. Without this enthusiastic leadership, it would have been impossible to achieve our objectives.

oOo

Training Division (2)

DEMONSTRATIONS OF:

Fire Fite (light water)  
Auto Seat Belts (convincer)  
Nomex Coats  
4" Hose  
Rope

A very important aspect of this Division's responsibility is the training of industrial fire brigades and security forces of other government agencies. Training in first aid firefighting and related subjects was offered to the following agencies:

Coastal Oil  
N. J. I. T. Police  
Bell Telephone  
Western Electric  
Bell Labs

Newark Water Department  
Gateway II  
University of Dentistry & Medicine  
Newark Museum  
Public Service Electric & Gas Co.

The Audio Visual unit continued to operate under standard operational procedures. This included, filming actual fires for training critiques and working closely with the Arson Squad, Fire Prevention Bureau and Special Service Division. A new dimension was added when we produced and directed a specialized video tape, whose sole purpose was to alleviate the high cost of repairs and replacement of the S.C.B.A. face piece. Our goal was met by a 50% reduction in the cost factor. Another unique endeavor was the writing, producing and directing of "A Holiday Message". This Fire Prevention video tape was accepted by several cable companies and shown around the country. This year also saw the completion of a slide-cassette program titled "Fire Prevention in the Home".

The Division of Training was directed to take over the operation of the Fire Boat. Under our supervision and direction, the John F. Kennedy was manned and maintained in a high state of readiness. We now have a program to train certain line companies to aid the boat crew in case of need. Since our take over, we have never failed to respond to a fire or any call for assistance.

The Commanding Officer of the Division continued to serve as the Chairman of the Fire Accident Prevention Board and as a member of the city-wide Accident Review Board. In line with these responsibilities, safety tip bulletins were issued periodically to all units within the department regarding safe driving methods. A summary of the activities of the Accident Prevention Board have been submitted under separate cover.

TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
FRED BOEHRINGER, BATTALION CHIEF  
ACCIDENT REVIEW BOARD, SAFETY OFFICER  
FOR THE YEAR 1982

---

My accomplishments for the year 1982 are listed below. Among these were the meetings of the Accident Review Board which were conducted regularly at our Training Academy. During the year I was advised of a total of 46 accidents. My other work follows as outlined:

1. Assisted in training of eleven recruits.
2. Participated in the investigation of accidents; recommended improvements where possible.
3. Trained members of city industrial community in fire protection methods.
4. Attended meetings of Fire Department Safety Committee.
5. Conducted in-service training programs at Training Academy.
6. Assisted Chief Freda in the development of a revised recruit training curriculum.
7. Ordered and assisted in the distribution of fire department first aid supplies.
8. Acted in the capacity of training academy commandant during the absence of Chief Freda.
9. Served as Executive Officer of the Training Academy.
10. Coordinated first aid and fire extinguisher training demonstrations for the public on an as-needed basis.
11. Performed a number of other duties as requested by my superiors.

oOo

TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
FRED BOEHRINGER, BATTALION CHIEF  
WATER OFFICER  
FOR THE YEAR 1982

---

During the year of 1982, I performed all required duties of my position, primarily as the liaison to our city's Water Department. It is the status of this relationship which has caused me the greatest consternation. The current number of hydrants out of service for all reasons, averages approximately 400 hydrants daily. The excuse of no manpower from the Water Department does very little for the Fire Department personnel when they must stretch the hoses endlessly in order to find a working hydrant. When you couple this personnel problem with the societal regard for our hydrants as a public institution, a practically insurmountable situation occurs. We have many damaged hydrants being handled by very few people. Something must be done, either by educating the public or increasing the productivity of the existing Water Department personnel under an improved system of prioritization of hydrant damage severity. Early implementation of this system in 1983 should become a department priority.

Some of the steps taken during 1982 to combat the vandalism problem were the purchase of additional compression hydrant caps and also the Philadelphia Bonnet, a supposedly non-destructible hydrant element.

The following is a list of other duties performed during the year 1982:

1. Processed approximately 10,500 hydrant repair cards.
2. Performed training assignments for private industry.
3. Held weekly meetings with Deputy Chief Alfred Freda, discussing training matters.
4. Responded to multiple fire alarms during the hours 0800-1600.
5. Attended approximately 85 meetings with Director Alvin Zach of Engineering and Frank Volante, Superintendent of the Water Department.
6. Processed and investigated complaints from the public on water hydrants.
7. Assisted the Water Department in performing water flow tests.
8. Conducted a spot check of on-going hydrant repairs.
9. Assisted in the department's in-service training program.
10. Conducted classes for eleven department recruits.
11. Performed an analytical study of the existing hydrant protection technology.

APPARATUS DIVISION (TRAINING)  
ANNUAL REPORT SUBMITTED BY  
DANIEL J. TAURIELLO, SUPERVISOR OF APPARATUS  
FOR THE YEAR 1982

---

The following duties were performed by the Supervisor of Apparatus in the Training Division during the year 1982:

1. Coordinated work between the repair shop and the Fire Department.
2. Service tested all pumpers.
3. Inspected all aerial ladders and ground ladders on apparatus.
4. Certified all department drivers.
5. Instructed and certified pump and aerial operators on apparatus.
6. Arranged for the change-over of apparatus.
7. Kept records of all repair work on Fire Department vehicles.
8. Evaluated the repair work done by outside shops on Fire Department equipment.
9. Visited fire companies and lectured on fire ground hydraulics, safe driver practices and care of fire apparatus and fire equipment.
10. Performed various duties assigned to me by the Fire Chief, the Fire Director, and the Chief of the Training Division.

oOo

# TRAINING DIVISION PERFORMANCE REPORT

<u>ACADEMY TRAINING</u>	<u>SESSIONS</u>	<u>HRS. OF INSTRUC.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Recruit Fire Training	20	160	11	1,760
Fire Brigade	43	87	476	6,160
Hazardous Materials	12	24	38	912
Company Refresher	546	1490	8627	27,813
Officer Refresher	<u>2</u>	<u>16</u>	<u>6</u>	<u>96</u>
Total	623	1777	9158	36,741

<u>SPECIAL TRAINING</u>	<u>SESSIONS</u>	<u>HRS. OF INSTRUC.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Preventive Maintenance	-	-	-	-
Driver Training	36	72	188	484
Apparatus Service Test	42	152	182	1,030
Pump Operations	41	86	176	550
Aerial Ladder	8	16	40	80
Misc. Training	<u>30</u>	<u>82</u>	<u>175</u>	<u>470</u>
Total	157	408	801	2,614

## FIELD TRAINING

Drills in Quarters	5,888	Hours of Instruction	16,492
Drills out of Quarters	<u>6,445</u>	Man hours	60,218
	12,333		

<u>DEMONSTRATIONS</u>	<u>Number Held</u>	<u>Attendance</u>
Fire Prevention	34	1,747
Extinguisher	35	1,280
Other	<u>24</u>	<u>645</u>
Total	93	3,672

<u>FILMS</u>	<u>Number Shown</u>	<u>Attendance</u>
Shown at Academy	698	7,783
Loaned Out	<u>227</u>	<u>3,835</u>
Total	923	11,618

## WATER OFFICER ACTIVITIES

### Performance Report

Number of Hydrant Repairs Processed	502
Number of Conferences Attended	<u>245</u>
Total	747

oOo

PLANNING AND RESEARCH DIVISION  
ANNUAL REPORT SUBMITTED BY  
JOHN J. VALENT, BATTALION CHIEF  
FOR THE YEAR 1982

---

During 1982, the Planning and Research Division provided staff assistance as directed by the Director and Fire Chief. Assistance was also provided to other agencies when requested.

Areas of activity included, but were not limited to, the following:

CAPITAL BUDGET PREPARATION AND MONITORING

1979 Capital Budget:

1. Apparatus replacement:  
All requested apparatus delivered and in service.
2. Construction of Butler Building for relocation of Special Service and Supply to land adjacent to 17-19 Prince Street. This project is still in the planning stage.
3. Reconstruction of Fire Stations:
  - (a) 197-199 Summer Avenue (Completed)
  - (b) 84-86 Clinton Place. (Work nearing completion)

1980 Capital Budget: (As revised)

1. Apparatus replacement:
  - (a) Tractor, (1) for aerial apparatus, delivered and being modified for service.
  - (b) 3 - 1000 G.P.M. Pumpers  
Contract awarded, scheduled delivery, March 1983.
  - (c) 1 - Mini Pumper (Planning stage)
2. Reconstruction of Fire Stations:
  - (a) 241-243 High Street
  - (b) 1028-1030 Bergen Street
  - (c) 269-271 Park Avenue
  - (d) 69 -71 Vesey Street

This project is currently in planning stage.

1981 Capital Budget: (As revised)

1. Fire Signal System Alarm Modernization Specifications for Digital Coder and Display System presently being drawn for bid advertisement.
2. Fire Tactics Training Simulator.  
Contract has been awarded with delivery scheduled for early 1983.

PLANNING AND RESEARCH DIVISION (2)

3. Relay Supply Hose.

Contract has been awarded with delivery scheduled early 1983.

1982 Capital Budget: (NONE AUTHORIZED)

1983 Capital Budget Request: (As revised)

1. Apparatus replacement.

1 - 100 ft. Aerial Ladder Quint.

3 - 1000 G.P.M. Pumpers equipped with telesquirts.  
Rehabilitation of Fireboat.

2. Reconstruction of Fire Stations:

(a) 526-528 Frelinghuysen Avenue.

(b) 469-473 Ferry Street.

(c) 691-701 North 6th Street

3. Communication Equipment:

(a) Replacement of outdated portable radios.

4. Installation of Fire and Security Alarm System:

(a) 1010 - 18th Avenue.

SICK LEAVE AND INJURY REPORTING SYSTEM

Sick and injury leave reports are monitored and coded daily. Reports pertaining to sick and injury leaves are presented to the Director and the Fire Chief on a weekly basis.

MONITORING OF ON-DUTY MANPOWER

Daily roll call records are maintained for all companies. Manpower projections are determined for vacation periods and emergencies, along with overtime needs to ensure adequate manpower.

SCHOOLS, CONVENTIONS, SEMINARS

A file and schedule of all upcoming Fire Service Educational events are maintained. Arrangements for travel, registration and expenses are handled through this division.

FUEL CONSERVATION (Motor Vehicles)

All motor vehicle consumption within the Department is monitored and monthly consumption reports are submitted to the Director and Fire Chief.

PLANNING AND RESEARCH DIVISION (3)

AFFIRMATIVE ACTION - EQUAL EMPLOYMENT OPPORTUNITY

This Division submits quarterly reports to the Human Rights Commission concerning all Department activities in the following areas: Appointments, Retirements, Demotions and Resignations. Additionally, annual reports of all employment activities and salary listings on a twelve month basis, from July 1st to June 30th of the following year, are forwarded to the Human Rights Commission.

HARASSMENTS AND ASSAULTS:

Of the thirty-two incidents reported, four injuries required medical treatment and two resulted in damage to Fire Department apparatus. The other incidents ranged from stolen Fire Department equipment and personal belongings to verbal abuse.

This Division performs many additional functions as directed by the Director and the Fire Chief, and in addition, responds to requests from other inter-departmental and intra-departmental agencies. Reasonable requests from other organizations are acted on according to priority and availability of time.

oOo

COMMUNITY RELATIONS DIVISION  
ANNUAL REPORT SUBMITTED BY  
ROBERT F. MARRON, DEPUTY CHIEF  
FOR THE YEAR 1982

---

During the year 1982, the Community Relations Division (Headquarters 20) continued to be involved in various activities and programs which strengthened the rapport between the public and the Fire Department.

Headquarters 20 has continued its services to the victims of fires and other disasters by maintaining its contact with both public and private agencies. The resources of the charitable organizations supported by the United Appeals were called upon to assist numerous victims. Agencies of the city and county provided many victims with the essentials or necessities of life. The Community Relations Division has concentrated on providing the public with effective services both day and night every day of the year.

Over the years, hot weather has brought hydrant problems, and this past year was no different. The illegal use of hydrants on the street is a serious problem because it brings about reduced water pressure and damage to the hydrants. The shutting of illegally used hydrants becomes more essential as the days get hotter, because the number of hydrants opened illegally escalates. The illegal use of hydrants is also compounded by the hydrants being vandalized and this causes hydrants to be put out of service. Many man-hours were devoted to turning off illegally used hydrants and those left flowing because of carelessness of city employees and members of the public with hydrant sprinklers issued by the recreation department.

Director John P. Caufield has continued with his policy of having the Community Relations Division support and assist charitable agencies in performing their duties to the public. The Community Relations Division has assisted in charity fund drives by helping with logistical matters, assisted with volunteers and provided security for same.

The topic of smoke and fire detectors continues to be of top priority at public meetings addressed by members of Headquarters 20. Many problems associated with smoke and fire detectors ranging from the violation of none being installed to vandalization, maintenance, proper placement, were discussed at these meetings.

During the past year, the Community Relations Division continued to honor requests to speak before teachers, pupils and parents at schools on fire safety and careers in the fire service. Films have been shown to classes at meetings throughout the city. Fire prevention materials have been disseminated to those attending classes and meetings. Demonstrations were also given at different locations in the city for the public's edification. In particular this past year a great amount of time was given to the "Sesame Street" program.

Community Relations Division (2)

The Fire Auxiliaries have continued to improve their documentation of services given to the city. The number of times that auxiliary firefighters have presented themselves, has improved on records. The number of man-hours at fire houses and alarms responded to, has been better documented. The services of the fire auxiliaries is understated because of decentralization of the fire auxiliary. It should also be recognized that many auxiliaries respond to fires from their homes.

The past year two organizations have in particular stood out and afforded the Community Relations Division to get involved closely with the public. The International Youth Organization, of which James Wallace, Community Relations Coordinator, devotes a great deal of his time working with young people. He has been very successful bringing the youths together to compete against each other in a variety of athletic events. The North Ward Center has continued to be deeply involved with the public, both young and adults. The North Ward Center has been able to generate resources to better assist the public. Both organizations service the public in an exemplary manner and to be associated with them is an honor.

The 1982 Christmas Toy Drive was successful in the procuring of gifts for children. Captain Sante D'Emidio, retired, was very helpful in contacting commercial sources to improve our gift giving capability. Many good people volunteered a great deal of their time to make the Christmas season more meaningful to the children of our city.

oOo

DATA PROCESSING UNIT  
ANNUAL REPORT FOR 1982  
SUBMITTED BY  
GERRIT L. deVRIES  
DATA PROCESSING COORDINATOR

---

The Data Processing Unit of the Planning and Research Division has completed various computer applications, which include making the following printouts for Department use:

1. A list of inspections and updating conditions of hydrants in the city.
2. Overtime reports on a weekly basis.
3. Personnel listings and history as needed.
4. Sick reports on all employees.
5. Compensation claims on file.
6. Monthly vacant building reports.
7. Developed a printout of issued permits.

Members of the Data Processing Unit have performed all the activities and duties as required by the Director and the Fire Chief of the Fire Department.

oOo

PHOTOGRAPHY DIVISION  
ANNUAL REPORT SUBMITTED BY  
FIREMAN LAWRENCE KRIEGER  
FOR THE YEAR 1982

---

The following report is herewith respectfully submitted, outlining my first full year of activities in the Photo Division for the year 1982:

Assignments responded to:

Signal 100 (Arson or suspected)	61
Signal 200 (Death at Fire)	16
Public Relations (includes appointments, awards, promotions, demonstrations, etc.)	41
Special Assignments	<u>89</u>
(included working and cooperating with other agencies, the Law Department, Building Department, Bureau of Combustibles, and Demolition Department.)	

TOTAL ASSIGNMENTS	207
-------------------	-----

Darkroom Activities:

Black and White Negatives made	3557
Black and White Prints made	4529
Color Negatives made	345
Color Prints made	537

I wish to extend my most sincere thanks to the Officers and Members of the Fire Department for their cooperation throughout the year.

oOo

PUBLIC RELATIONS DIVISION  
ANNUAL REPORT FOR THE YEAR 1982  
SUBMITTED BY  
LONNIE TUCKER

---

The following report is herewith respectfully submitted outlining activities of the Fire Department's Public Relations Division for the year 1982.

This division has continued to keep the public informed of various events in fire prevention through the use of radio, television, newspapers, and weekly reports within the communities.

The message of fire prevention and the Fire Director's Smoke Detector plan has been brought to the attention of other agencies who now will join the Fire Department in its efforts to bring fire prevention knowledge to the people.

In the year 1982, the Public Relations Division worked with other city, state and federal agencies which provided assistance to fire victims.

As the liaison man in the Fire Department, I responded to fires as requested, and carried out other assignments as needed.

The Public Relations Division is in charge of issuing information in the form of releases to the news media upon request.

I wish to extend my most sincere thanks to the Officers and Members of the Fire Department for their cooperation throughout the year.

oOo

MEDICAL DIVISION  
ANNUAL REPORT SUBMITTED BY  
MORRIS HALPER, M.D.  
ACTING FIRE DEPARTMENT SURGEON  
FOR THE YEAR 1982

---

During the year of 1982, as a part-time Fire Department Surgeon, my basic availability to the Fire Department was two days per week in addition to any special consultation requested by the Director or the Fire Chief.

Medical records of members on injury or sick leave were routinely examined and an evaluation of their condition and progress was submitted to the Fire Chief.

During 1982, a number of candidates considered for appointment to the Fire Department have been examined by me. Recommendations and findings concerning the candidates' health were submitted to the Director and Fire Chief.

I wish to take this opportunity to thank all the Officers and Members of the Fire Department who have cooperated with me in providing service to members of the Department.

oOo

ANNUAL REPORT  
OF THE CATHOLIC CHAPLAIN  
REV. HORTON J. RAUGHT  
FOR THE YEAR 1982

---

The following is a report of my activities as Chaplain of the Newark Fire Department, for the year 1982:

I responded to 80 fires of which 78 were multiple alarms.

I visited the various hospitals in the area to attend members of the Fire Department who were ill or injured in the line of duty.

Visitations were also made to members of their families when notified of their illness.

I attended all swearing-in ceremonies of new Fire Department personnel as well as all promotional ceremonies.

I attended wakes for deceased members of the Fire Department or members of their families. I participated in the funeral services of members of the Department, both active and retired.

Was available for and participated in conferences with members of the Department or their families.

I conducted the 59th Annual Memorial Service for deceased members of the Newark Fire Department. This Annual Memorial Mass and Service was conducted at St. Rose of Lima Church, Newark, New Jersey.

I attended Fire Prevention demonstrations and all other activities pertaining to Fire Department affairs, sponsored by the Fire Department Historical Association and the Bell & Siren Club.

I wish to express my deep and sincere gratitude to Director John P. Caufield, Fire Chief Stanley J. Kossup and to all the Officers and Members of the Newark Fire Department, for the friendship, courtesy and cooperation they have shown me.

oOo

ANNUAL REPORT  
SUBMITTED BY  
THE PROTESTANT CHAPLAIN  
REV. CLARANCE BLEAKNEY  
FOR THE YEAR 1982

---

The following is the report of my activities as Protestant Chaplain of the Newark Fire Department for the year 1982:

I attended swearing-in ceremonies and promotion ceremonies of members.

I kept in touch with all the sick members of the Fire Department, either by writing to them or by telephone.

I made myself available whenever called upon to minister to any of the members of the Department.

I wish to express my thanks to all members of the Fire Department for all kindnesses and courtesies extended to me.

oOo

ANNUAL REPORT  
SUBMITTED BY THE JEWISH CHAPLAIN  
RABBI HORACE L. ZEMEL  
FOR THE YEAR 1982

---

I wish to report that through the year 1982, as Chaplain of the Newark Fire Department, to the best of my ability, I have answered fire calls when summoned, participated in public functions, attended the sick and dying, and in general, lent myself in full capacity as clergyman over all those to whom I minister, in whatever contingency my services were needed.

The making of this report gives me once again, the opportunity of letting you know that I am not unmindful of the many courtesies extended to me in the performance of the duties of my office, for which I am extremely grateful.

May I wish you, and through you, all those in the Fire Department, a year marked by peace in the world, order in our government, health in the home, and success in every worthwhile effort.

oOo

THE BELL AND SIREN CLUB, INC.  
ANNUAL REPORT  
FOR THE YEAR 1982

---

The Bell and Siren Club, organized in 1949, is a non-profit voluntary group, dependent upon membership dues, social functions, and contributions of friends to finance its activities and acquiring and maintaining its equipment. Membership is limited to 50 active members adhere to the Official Club Code of Operations.

The Club serves free refreshments of coffee, fruit drink, tea, hot soup, etc., from a mobile canteen unit, "The Rig", to firefighters and fire victims at the scene of a fire.

The equipment it uses is owned by the Club, but is quartered in Newark fire houses, through the courtesy of the Mayor and the Newark Fire Department.

The year 1982 was a very significant year for the Bell and Siren Club, as a brand new canteen was purchased and placed in service on June 14. The major source of funding for this \$35,000 rig was provided by the firefighters of Newark through a voluntary payroll deduction plan. Members also made very significant contributions toward the new rig, and donations were also received from firefighters in the neighboring towns that the Club also serves.

During the year 1982, the Club responded to 102 fire emergencies which consisted of:

- 65 Second Alarms
- 16 Third Alarms
- 2 Fourth Alarms
- 8 Special Calls
- 7 Multiple Alarms in East Orange
- 2 Multiple Alarms in Bloomfield
- 2 Multiple Alarms in South Orange

Services rendered included the serving of:

5,681 cups of coffee	392 Doz. cookies and cake
2,222 cups of fruit drink	300 cigarettes
21 cups of soup	60 pounds of beef stew
114 cups of tea	64 cups of water
648 cups of hot chocolate	

We extend our appreciation to the elected officials of the City of Newark, Fire Director John P. Caufield, Fire Chief Stanley J. Kossup, and to all the officers and members of the Newark Fire Department for their help and assistance during the past year. Also, we are especially grateful for the generous support received during our payroll deduction drive for the new canteen truck.

EMERGENCY MANAGEMENT (CIVIL DEFENSE)

AUXILIARY FIRE SERVICE  
ANNUAL REPORT SUBMITTED BY  
CHARLES J. MANARA, CAPTAIN  
FOR THE YEAR 1982

---

In 1982, there were twelve new members added to Newark Auxiliary Fire Service, including two doctors.

There were 1,356 visits to the fire houses, and a total of 7,659 hours were spent at the fire houses; 2,792 alarms of fire were responded to, and a total of 1,079 hours were spent fighting the fires; 270 hours were spent in drills. There were four meetings held in 1982.

At present, there are only 90 members who report to fire houses and send in their monthly reports. I have sent out letters to 200 non-active members, requesting that they return their badges and equipment issued by the City of Newark. Also, they were informed that they are no longer to ride with this department because of their non-compliance with our rules and regulations. A great number of these men are from other towns outside of Newark. As a result of this, in 1983 we will not accept applications from anyone not living in Newark.

The new identification cards from the State of New Jersey were issued to the 90 active members only.

oOo

